Cargo.lock

```
  1 # This file is automatically @generated by Cargo.
  2 # It is not intended for manual editing.
  3 version = 3
  4
  5 [[package]]
  6 name = "addr2line"
  7 version = "0.21.0"
  8 source = "registry+https://github.com/rust-lang/crates.io-index"
  9 checksum =
"8a30b2e23b9e17a9f90641c7ab1549cd9b44f296d3ccbf309d2863cfe398a0cb"
 10 dependencies = [
 11   "gimli",
 12 ]
 13
 14 [[package]]
 15 name = "adler"
 16 version = "1.0.2"
 17 source = "registry+https://github.com/rust-lang/crates.io-index"
 18 checksum =
"f26201604c87b1e01bd3d98f8d5d9a8fcbb815e8cedb41ffccbeb4bf593a35fe"
 19
 20 [[package]]
 21 name = "ahash"
 22 version = "0.7.7"
 23 source = "registry+https://github.com/rust-lang/crates.io-index"
 24 checksum =
"5a824f2aa7e75a0c98c5a504fceb80649e9c35265d44525b5f94de4771a395cd"
 25 dependencies = [
 26   "getrandom",
 27   "once_cell",
 28   "version_check",
 29 ]
 30
 31 [[package]]
 32 name = "ahash"
 33 version = "0.8.6"
 34 source = "registry+https://github.com/rust-lang/crates.io-index"
 35 checksum =
"91429305e9f0a25f6205c5b8e0d2db09e0708a7a6df0f42212bb56c32c8ac97a"
 36 dependencies = [
 37   "cfg-if",
 38   "getrandom",
 39   "once_cell",
 40   "version_check",
 41   "zerocopy",
 42 ]
 43
 44 [[package]]
 45 name = "aho-corasick"
 46 version = "1.1.2"
 47 source = "registry+https://github.com/rust-lang/crates.io-index"
 48 checksum =
"b2969dcb958b36655471fc61f7e416fa76033bdd4bfed0678d8fee1e2d07a1f0"
 49 dependencies = [
 50   "memchr",
 51 ]
 52
 53 [[package]]
```

```
 54 name = "allocator-api2"
 55 version = "0.2.16"
 56 source = "registry+https://github.com/rust-lang/crates.io-index"
 57 checksum =
"0942ffc6dcaadf03badf6e6a2d0228460359d5e34b57ccdc720b7382dfbd5ec5"
 58
 59 [[package]]
 60 name = "amq-protocol"
 61 version = "7.1.2"
 62 source = "registry+https://github.com/rust-lang/crates.io-index"
 63 checksum =
"1d40d8b2465c7959dd40cee32ba6ac334b5de57e9fca0cc756759894a4152a5d"
 64 dependencies = [
 65  "amq-protocol-tcp",
 66  "amq-protocol-types",
 67  "amq-protocol-uri",
 68  "cookie-factory",
 69  "nom",
 70  "serde",
 71 ]
 72
 73 [[package]]
 74 name = "amq-protocol-tcp"
 75 version = "7.1.2"
 76 source = "registry+https://github.com/rust-lang/crates.io-index"
 77 checksum =
"9cb2100adae7da61953a2c3a01935d86caae13329fadce3333f524d6d6ce12e2"
 78 dependencies = [
 79  "amq-protocol-uri",
 80  "tcp-stream",
 81  "tracing",
 82 ]
 83
 84 [[package]]
 85 name = "amq-protocol-types"
 86 version = "7.1.2"
 87 source = "registry+https://github.com/rust-lang/crates.io-index"
 88 checksum =
"156ff13c8a3ced600b4e54ed826a2ae6242b6069d00dd98466827cef07d3daff"
 89 dependencies = [
 90  "cookie-factory",
 91  "nom",
 92  "serde",
 93  "serde_json",
 94 ]
 95
 96 [[package]]
 97 name = "amq-protocol-uri"
 98 version = "7.1.2"
 99 source = "registry+https://github.com/rust-lang/crates.io-index"
100 checksum =
"751bbd7d440576066233e740576f1b31fdc6ab86cfabfbd48c548de77eca73e4"
101 dependencies = [
102  "amq-protocol-types",
103  "percent-encoding",
104  "url",
105 ]
106
107 [[package]]
108 name = "android-tzdata"
109 version = "0.1.1"
```

```
110 source = "registry+https://github.com/rust-lang/crates.io-index"
111 checksum =
"e999941b234f3131b00bc13c22d06e8c5ff726d1b6318ac7eb276997bbb4fef0"
112
113 [[package]]
114 name = "android_system_properties"
115 version = "0.1.5"
116 source = "registry+https://github.com/rust-lang/crates.io-index"
117 checksum =
"819e7219dbd41043ac279b19830f2efc897156490d7fd6ea916720117ee66311"
118 dependencies = [
119   "libc",
120 ]
121
122 [[package]]
123 name = "arc-swap"
124 version = "1.6.0"
125 source = "registry+https://github.com/rust-lang/crates.io-index"
126 checksum =
"bddcadddf5e9015d310179a59bb28c4d4b9920ad0f11e8e14dbadf654890c9a6"
127
128 [[package]]
129 name = "arrayvec"
130 version = "0.7.4"
131 source = "registry+https://github.com/rust-lang/crates.io-index"
132 checksum =
"96d30a06541fbafbc7f82ed10c06164cfbd2c401138f6addd8404629c4b16711"
133
134 [[package]]
135 name = "async-channel"
136 version = "2.1.1"
137 source = "registry+https://github.com/rust-lang/crates.io-index"
138 checksum =
"1ca33f4bc4ed1babef42cad36cc1f51fa88be00420404e5b1e80ab1b18f7678c"
139 dependencies = [
140   "concurrent-queue",
141   "event-listener 4.0.2",
142   "event-listener-strategy",
143   "futures-core",
144   "pin-project-lite",
145 ]
146
147 [[package]]
148 name = "async-executor"
149 version = "1.8.0"
150 source = "registry+https://github.com/rust-lang/crates.io-index"
151 checksum =
"17ae5ebefcc48e7452b4987947920dac9450be1110cadf34d1b8c116bdbaf97c"
152 dependencies = [
153   "async-lock 3.2.0",
154   "async-task",
155   "concurrent-queue",
156   "fastrand 2.0.1",
157   "futures-lite 2.1.0",
158   "slab",
159 ]
160
161 [[package]]
162 name = "async-global-executor"
163 version = "2.4.1"
164 source = "registry+https://github.com/rust-lang/crates.io-index"
```

```
165 checksum =
"05b1b633a2115cd122d73b955eadd9916c18c8f510ec9cd1686404c60ad1c29c"
166 dependencies = [
167   "async-channel",
168   "async-executor",
169   "async-io 2.2.2",
170   "async-lock 3.2.0",
171   "blocking",
172   "futures-lite 2.1.0",
173   "once_cell",
174 ]
175
176 [[package]]
177 name = "async-global-executor-trait"
178 version = "2.1.0"
179 source = "registry+https://github.com/rust-lang/crates.io-index"
180 checksum =
"33dd14c5a15affd2abcff50d84efd4009ada28a860f01c14f9d654f3e81b3f75"
181 dependencies = [
182   "async-global-executor",
183   "async-trait",
184   "executor-trait",
185 ]
186
187 [[package]]
188 name = "async-io"
189 version = "1.13.0"
190 source = "registry+https://github.com/rust-lang/crates.io-index"
191 checksum =
"0fc5b45d93ef0529756f812ca52e44c221b35341892d3dcc34132ac02f3dd2af"
192 dependencies = [
193   "async-lock 2.8.0",
194   "autocfg",
195   "cfg-if",
196   "concurrent-queue",
197   "futures-lite 1.13.0",
198   "log",
199   "parking",
200   "polling 2.8.0",
201   "rustix 0.37.27",
202   "slab",
203   "socket2 0.4.10",
204   "waker-fn",
205 ]
206
207 [[package]]
208 name = "async-io"
209 version = "2.2.2"
210 source = "registry+https://github.com/rust-lang/crates.io-index"
211 checksum =
"6afaa937395a620e33dc6a742c593c01aced20aa376ffb0f628121198578ccc7"
212 dependencies = [
213   "async-lock 3.2.0",
214   "cfg-if",
215   "concurrent-queue",
216   "futures-io",
217   "futures-lite 2.1.0",
218   "parking",
219   "polling 3.3.1",
220   "rustix 0.38.28",
221   "slab",
```

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222  "tracing",
223  "windows-sys 0.52.0",
224 ]
225
226 [[package]]
227 name = "async-lock"
228 version = "2.8.0"
229 source = "registry+https://github.com/rust-lang/crates.io-index"
230 checksum =
"287272293e9d8c41773cec55e365490fe034813a2f172f502d6ddcf75b2f582b"
231 dependencies = [
232  "event-listener 2.5.3",
233 ]
234
235 [[package]]
236 name = "async-lock"
237 version = "3.2.0"
238 source = "registry+https://github.com/rust-lang/crates.io-index"
239 checksum =
"7125e42787d53db9dd54261812ef17e937c95a51e4d291373b670342fa44310c"
240 dependencies = [
241  "event-listener 4.0.2",
242  "event-listener-strategy",
243  "pin-project-lite",
244 ]
245
246 [[package]]
247 name = "async-reactor-trait"
248 version = "1.1.0"
249 source = "registry+https://github.com/rust-lang/crates.io-index"
250 checksum =
"7a6012d170ad00de56c9ee354aef2e358359deb1ec504254e0e5a3774771de0e"
251 dependencies = [
252  "async-io 1.13.0",
253  "async-trait",
254  "futures-core",
255  "reactor-trait",
256 ]
257
258 [[package]]
259 name = "async-task"
260 version = "4.7.0"
261 source = "registry+https://github.com/rust-lang/crates.io-index"
262 checksum =
"fbb36e985947064623dbd357f727af08ffd077f93d696782f3c56365fa2e2799"
263
264 [[package]]
265 name = "async-trait"
266 version = "0.1.74"
267 source = "registry+https://github.com/rust-lang/crates.io-index"
268 checksum =
"a66537f1bb974b254c98ed142ff995236e81b9d0fe4db0575f46612cb15eb0f9"
269 dependencies = [
270  "proc-macro2",
271  "quote",
272  "syn 2.0.41",
273 ]
274
275 [[package]]
276 name = "atoi"
277 version = "2.0.0"
```

```
278 source = "registry+https://github.com/rust-lang/crates.io-index"
279 checksum =
"f28d99ec8bfea296261ca1af174f24225171fea9664ba9003cbebee704810528"
280 dependencies = [
281   "num-traits",
282 ]
283
284 [[package]]
285 name = "atomic-waker"
286 version = "1.1.2"
287 source = "registry+https://github.com/rust-lang/crates.io-index"
288 checksum =
"1505bd5d3d116872e7271a6d4e16d81d0c8570876c8de68093a09ac269d8aac0"
289
290 [[package]]
291 name = "atomic-write-file"
292 version = "0.1.2"
293 source = "registry+https://github.com/rust-lang/crates.io-index"
294 checksum =
"edcdbedc2236483ab103a53415653d6b4442ea6141baf1ffa85df29635e88436"
295 dependencies = [
296   "nix 0.27.1",
297   "rand",
298 ]
299
300 [[package]]
301 name = "autocfg"
302 version = "1.1.0"
303 source = "registry+https://github.com/rust-lang/crates.io-index"
304 checksum =
"d468802bab17cbc0cc575e9b053f41e72aa36bfa6b7f55e3529ffa43161b97fa"
305
306 [[package]]
307 name = "axum"
308 version = "0.6.20"
309 source = "registry+https://github.com/rust-lang/crates.io-index"
310 checksum =
"3b829e4e32b91e643de6eafe82b1d90675f5874230191a4ffbc1b336dec4d6bf"
311 dependencies = [
312   "async-trait",
313   "axum-core 0.3.4",
314   "bitflags 1.3.2",
315   "bytes",
316   "futures-util",
317   "http 0.2.11",
318   "http-body 0.4.6",
319   "hyper 0.14.28",
320   "itoa",
321   "matchit",
322   "memchr",
323   "mime",
324   "percent-encoding",
325   "pin-project-lite",
326   "rustversion",
327   "serde",
328   "serde_json",
329   "serde_path_to_error",
330   "serde_urlencoded",
331   "sync_wrapper",
332   "tokio",
333   "tower",
```

```
334   "tower-layer",
335   "tower-service",
336 ]
337
338 [[package]]
339 name = "axum"
340 version = "0.7.2"
341 source = "registry+https://github.com/rust-lang/crates.io-index"
342 checksum =
"202651474fe73c62d9e0a56c6133f7a0ff1dc1c8cf7a5b03381af2a26553ac9d"
343 dependencies = [
344   "async-trait",
345   "axum-core 0.4.1",
346   "bytes",
347   "futures-util",
348   "http 1.0.0",
349   "http-body 1.0.0",
350   "http-body-util",
351   "hyper 1.1.0",
352   "hyper-util",
353   "itoa",
354   "matchit",
355   "memchr",
356   "mime",
357   "percent-encoding",
358   "pin-project-lite",
359   "rustversion",
360   "serde",
361   "serde_json",
362   "serde_path_to_error",
363   "serde_urlencoded",
364   "sync_wrapper",
365   "tokio",
366   "tower",
367   "tower-layer",
368   "tower-service",
369 ]
370
371 [[package]]
372 name = "axum-core"
373 version = "0.3.4"
374 source = "registry+https://github.com/rust-lang/crates.io-index"
375 checksum =
"759fa577a247914fd3f7f76d62972792636412fbfd634cd452f6a385a74d2d2c"
376 dependencies = [
377   "async-trait",
378   "bytes",
379   "futures-util",
380   "http 0.2.11",
381   "http-body 0.4.6",
382   "mime",
383   "rustversion",
384   "tower-layer",
385   "tower-service",
386 ]
387
388 [[package]]
389 name = "axum-core"
390 version = "0.4.1"
391 source = "registry+https://github.com/rust-lang/crates.io-index"
392 checksum =
```

```
"77cb22c689c44d4c07b0ab44ebc25d69d8ae601a2f28fb8d672d344178fa17aa"
 393 dependencies = [
 394   "async-trait",
 395   "bytes",
 396   "futures-util",
 397   "http 1.0.0",
 398   "http-body 1.0.0",
 399   "http-body-util",
 400   "mime",
 401   "pin-project-lite",
 402   "rustversion",
 403   "sync_wrapper",
 404   "tower-layer",
 405   "tower-service",
 406 ]
 407
 408 [[package]]
 409 name = "axum-test-helper"
 410 version = "0.3.0"
 411 source = "registry+https://github.com/rust-lang/crates.io-index"
 412 checksum =
"298f62fa902c2515c169ab0bfb56c593229f33faa01131215d58e3d4898e3aa9"
 413 dependencies = [
 414   "axum 0.6.20",
 415   "bytes",
 416   "http 0.2.11",
 417   "http-body 0.4.6",
 418   "hyper 0.14.28",
 419   "reqwest",
 420   "serde",
 421   "tokio",
 422   "tower",
 423   "tower-service",
 424 ]
 425
 426 [[package]]
 427 name = "backtrace"
 428 version = "0.3.69"
 429 source = "registry+https://github.com/rust-lang/crates.io-index"
 430 checksum =
"2089b7e3f35b9dd2d0ed921ead4f6d318c27680d4a5bd167b3ee120edb105837"
 431 dependencies = [
 432   "addr2line",
 433   "cc",
 434   "cfg-if",
 435   "libc",
 436   "miniz_oxide",
 437   "object",
 438   "rustc-demangle",
 439 ]
 440
 441 [[package]]
 442 name = "base64"
 443 version = "0.13.1"
 444 source = "registry+https://github.com/rust-lang/crates.io-index"
 445 checksum =
"9e1b586273c5702936fe7b7d6896644d8be71e6314cfe09d3167c95f712589e8"
 446
 447 [[package]]
 448 name = "base64"
 449 version = "0.21.5"
```

```
450 source = "registry+https://github.com/rust-lang/crates.io-index"
451 checksum =
"35636a1494ede3b646cc98f74f8e62c773a38a659ebc777a2cf26b9b74171df9"
452
453 [[package]]
454 name = "base64ct"
455 version = "1.6.0"
456 source = "registry+https://github.com/rust-lang/crates.io-index"
457 checksum =
"8c3c1a368f70d6cf7302d78f8f7093da241fb8e8807c05cc9e51a125895a6d5b"
458
459 [[package]]
460 name = "bigdecimal"
461 version = "0.3.1"
462 source = "registry+https://github.com/rust-lang/crates.io-index"
463 checksum =
"a6773ddc0eafc0e509fb60e48dff7f450f8e674a0686ae8605e8d9901bd5eefa"
464 dependencies = [
465   "num-bigint",
466   "num-integer",
467   "num-traits",
468 ]
469
470 [[package]]
471 name = "bitflags"
472 version = "1.3.2"
473 source = "registry+https://github.com/rust-lang/crates.io-index"
474 checksum =
"bef38d45163c2f1dde094a7dfd33ccf595c92905c8f8f4fdc18d06fb1037718a"
475
476 [[package]]
477 name = "bitflags"
478 version = "2.4.1"
479 source = "registry+https://github.com/rust-lang/crates.io-index"
480 checksum =
"327762f6e5a765692301e5bb513e0d9fef63be86bbc14528052b1cd3e6f03e07"
481 dependencies = [
482   "serde",
483 ]
484
485 [[package]]
486 name = "bitvec"
487 version = "1.0.1"
488 source = "registry+https://github.com/rust-lang/crates.io-index"
489 checksum =
"1bc2832c24239b0141d5674bb9174f9d68a8b5b3f2753311927c172ca46f7e9c"
490 dependencies = [
491   "funty",
492   "radium",
493   "tap",
494   "wyz",
495 ]
496
497 [[package]]
498 name = "block-buffer"
499 version = "0.10.4"
500 source = "registry+https://github.com/rust-lang/crates.io-index"
501 checksum =
"3078c7629b62d3f0439517fa394996acacc5cbc91c5a20d8c658e77abd503a71"
502 dependencies = [
503   "generic-array",
```

```
504 ]
505
506 [[package]]
507 name = "block-padding"
508 version = "0.3.3"
509 source = "registry+https://github.com/rust-lang/crates.io-index"
510 checksum =
"a8894febbff9f758034a5b8e12d87918f56dfc64a8e1fe757d65e29041538d93"
511 dependencies = [
512   "generic-array",
513 ]
514
515 [[package]]
516 name = "blocking"
517 version = "1.5.1"
518 source = "registry+https://github.com/rust-lang/crates.io-index"
519 checksum =
"6a37913e8dc4ddcc604f0c6d3bf2887c995153af3611de9e23c352b44c1b9118"
520 dependencies = [
521   "async-channel",
522   "async-lock 3.2.0",
523   "async-task",
524   "fastrand 2.0.1",
525   "futures-io",
526   "futures-lite 2.1.0",
527   "piper",
528   "tracing",
529 ]
530
531 [[package]]
532 name = "borsh"
533 version = "1.3.0"
534 source = "registry+https://github.com/rust-lang/crates.io-index"
535 checksum =
"26d4d6dafc1a3bb54687538972158f07b2c948bc57d5890df22c0739098b3028"
536 dependencies = [
537   "borsh-derive",
538   "cfg_aliases",
539 ]
540
541 [[package]]
542 name = "borsh-derive"
543 version = "1.3.0"
544 source = "registry+https://github.com/rust-lang/crates.io-index"
545 checksum =
"bf4918709cc4dd777ad2b6303ed03cb37f3ca0ccede8c1b0d28ac6db8f4710e0"
546 dependencies = [
547   "once_cell",
548   "proc-macro-crate",
549   "proc-macro2",
550   "quote",
551   "syn 2.0.41",
552   "syn_derive",
553 ]
554
555 [[package]]
556 name = "bstr"
557 version = "1.8.0"
558 source = "registry+https://github.com/rust-lang/crates.io-index"
559 checksum =
"542f33a8835a0884b006a0c3df3dadd99c0c3f296ed26c2fdc8028e01ad6230c"
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```
560 dependencies = [
561   "memchr",
562   "serde",
563 ]
564
565 [[package]]
566 name = "bumpalo"
567 version = "3.14.0"
568 source = "registry+https://github.com/rust-lang/crates.io-index"
569 checksum =
"7f30e7476521f6f8af1a1c4c0b8cc94f0bee37d91763d0ca2665f299b6cd8aec"
570
571 [[package]]
572 name = "bytecheck"
573 version = "0.6.11"
574 source = "registry+https://github.com/rust-lang/crates.io-index"
575 checksum =
"8b6372023ac861f6e6dc89c8344a8f398fb42aaba2b5dbc649ca0c0e9dbcb627"
576 dependencies = [
577   "bytecheck_derive",
578   "ptr_meta",
579   "simdutf8",
580 ]
581
582 [[package]]
583 name = "bytecheck_derive"
584 version = "0.6.11"
585 source = "registry+https://github.com/rust-lang/crates.io-index"
586 checksum =
"a7ec4c6f261935ad534c0c22dbef2201b45918860eb1c574b972bd213a76af61"
587 dependencies = [
588   "proc-macro2",
589   "quote",
590   "syn 1.0.109",
591 ]
592
593 [[package]]
594 name = "byteorder"
595 version = "1.5.0"
596 source = "registry+https://github.com/rust-lang/crates.io-index"
597 checksum =
"1fd0f2584146f6f2ef48085050886acf353beff7305ebd1ae69500e27c67f64b"
598
599 [[package]]
600 name = "bytes"
601 version = "1.5.0"
602 source = "registry+https://github.com/rust-lang/crates.io-index"
603 checksum =
"a2bd12c1caf447e69cd4528f47f94d203fd2582878ecb9e9465484c4148a8223"
604
605 [[package]]
606 name = "cbc"
607 version = "0.1.2"
608 source = "registry+https://github.com/rust-lang/crates.io-index"
609 checksum =
"26b52a9543ae338f279b96b0b9fed9c8093744685043739079ce85cd58f289a6"
610 dependencies = [
611   "cipher",
612 ]
613
614 [[package]]
```

```
615 name = "cc"
616 version = "1.0.83"
617 source = "registry+https://github.com/rust-lang/crates.io-index"
618 checksum =
"f1174fb0b6ec23863f8b971027804a42614e347eafb0a95bf0b12cdae21fc4d0"
619 dependencies = [
620   "libc",
621 ]
622
623 [[package]]
624 name = "celery"
625 version = "0.1.0"
626 dependencies = [
627   "celery 0.5.5",
628   "exitfailure",
629   "serde",
630   "server",
631   "tokio",
632 ]
633
634 [[package]]
635 name = "celery"
636 version = "0.5.5"
637 source = "registry+https://github.com/rust-lang/crates.io-index"
638 checksum =
"353e814f3bf30847a0d694ef03091cd2246543ff6e7c3535b83c226ebb980048"
639 dependencies = [
640   "async-trait",
641   "base64 0.21.5",
642   "celery-codegen",
643   "chrono",
644   "colored",
645   "futures",
646   "futures-lite 1.13.0",
647   "globset",
648   "hostname",
649   "lapin",
650   "log",
651   "once_cell",
652   "rand",
653   "redis",
654   "serde",
655   "serde_json",
656   "thiserror",
657   "tokio",
658   "tokio-executor-trait",
659   "tokio-reactor-trait",
660   "tokio-stream",
661   "uuid",
662 ]
663
664 [[package]]
665 name = "celery-codegen"
666 version = "0.5.5"
667 source = "registry+https://github.com/rust-lang/crates.io-index"
668 checksum =
"ac0f4f3440943210cc64fab5a5feb8d8ef021bf248a33cc37840185bfcf1710e"
669 dependencies = [
670   "proc-macro2",
671   "quote",
672   "syn 1.0.109",
```

```
673 ]
674
675 [[package]]
676 name = "cfg-if"
677 version = "1.0.0"
678 source = "registry+https://github.com/rust-lang/crates.io-index"
679 checksum =
"baf1de4339761588bc0619e3cbc0120ee582ebb74b53b4efbf79117bd2da40fd"
680
681 [[package]]
682 name = "cfg_aliases"
683 version = "0.1.1"
684 source = "registry+https://github.com/rust-lang/crates.io-index"
685 checksum =
"fd16c4719339c4530435d38e511904438d07cce7950afa3718a84ac36c10e89e"
686
687 [[package]]
688 name = "chrono"
689 version = "0.4.31"
690 source = "registry+https://github.com/rust-lang/crates.io-index"
691 checksum =
"7f2c685bad3eb3d45a01354cedb7d5faa66194d1d58ba6e267a8de788f79db38"
692 dependencies = [
693   "android-tzdata",
694   "iana-time-zone",
695   "js-sys",
696   "num-traits",
697   "serde",
698   "wasm-bindgen",
699   "windows-targets 0.48.5",
700 ]
701
702 [[package]]
703 name = "cipher"
704 version = "0.4.4"
705 source = "registry+https://github.com/rust-lang/crates.io-index"
706 checksum =
"773f3b9af64447d2ce9850330c473515014aa235e6a783b02db81ff39e4a3dad"
707 dependencies = [
708   "crypto-common",
709   "inout",
710 ]
711
712 [[package]]
713 name = "colored"
714 version = "2.1.0"
715 source = "registry+https://github.com/rust-lang/crates.io-index"
716 checksum =
"cbf2150cce219b664a8a70df7a1f933836724b503f8a413af9365b4dcc4d90b8"
717 dependencies = [
718   "lazy_static",
719   "windows-sys 0.48.0",
720 ]
721
722 [[package]]
723 name = "combine"
724 version = "4.6.6"
725 source = "registry+https://github.com/rust-lang/crates.io-index"
726 checksum =
"35ed6e9d84f0b51a7f52daf1c7d71dd136fd7a3f41a8462b8cdb8c78d920fad4"
727 dependencies = [
```

```
728   "bytes",
729   "futures-core",
730   "memchr",
731   "pin-project-lite",
732   "tokio",
733   "tokio-util",
734 ]
735
736 [[package]]
737 name = "concurrent-queue"
738 version = "2.4.0"
739 source = "registry+https://github.com/rust-lang/crates.io-index"
740 checksum =
"d16048cd947b08fa32c24458a22f5dc5e835264f689f4f5653210c69fd107363"
741 dependencies = [
742   "crossbeam-utils",
743 ]
744
745 [[package]]
746 name = "config"
747 version = "0.13.4"
748 source = "registry+https://github.com/rust-lang/crates.io-index"
749 checksum =
"23738e11972c7643e4ec947840fc463b6a571afcd3e735bdfce7d03c7a784aca"
750 dependencies = [
751   "async-trait",
752   "json5",
753   "lazy_static",
754   "nom",
755   "pathdiff",
756   "ron",
757   "rust-ini",
758   "serde",
759   "serde_json",
760   "toml",
761   "yaml-rust",
762 ]
763
764 [[package]]
765 name = "const-oid"
766 version = "0.9.6"
767 source = "registry+https://github.com/rust-lang/crates.io-index"
768 checksum =
"c2459377285ad874054d797f3ccebf984978aa39129f6eafde5cdc8315b612f8"
769
770 [[package]]
771 name = "cookie-factory"
772 version = "0.3.2"
773 source = "registry+https://github.com/rust-lang/crates.io-index"
774 checksum =
"396de984970346b0d9e93d1415082923c679e5ae5c3ee3dcbd104f5610af126b"
775
776 [[package]]
777 name = "core-foundation"
778 version = "0.9.4"
779 source = "registry+https://github.com/rust-lang/crates.io-index"
780 checksum =
"91e195e091a93c46f7102ec7818a2aa394e1e1771c3ab4825963fa03e45afb8f"
781 dependencies = [
782   "core-foundation-sys",
783   "libc",
```

```
784 ]
785
786 [[package]]
787 name = "core-foundation-sys"
788 version = "0.8.6"
789 source = "registry+https://github.com/rust-lang/crates.io-index"
790 checksum =
"06ea2b9bc92be3c2baa9334a323ebca2d6f074ff852cd1d7b11064035cd3868f"
791
792 [[package]]
793 name = "cpufeatures"
794 version = "0.2.11"
795 source = "registry+https://github.com/rust-lang/crates.io-index"
796 checksum =
"ce420fe07aecd3e67c5f910618fe65e94158f6dcc0adf44e00d69ce2bdfe0fd0"
797 dependencies = [
798   "libc",
799 ]
800
801 [[package]]
802 name = "crc"
803 version = "3.0.1"
804 source = "registry+https://github.com/rust-lang/crates.io-index"
805 checksum =
"86ec7a15cbe22e59248fc7eadb1907dab5ba09372595da4d73dd805ed4417dfe"
806 dependencies = [
807   "crc-catalog",
808 ]
809
810 [[package]]
811 name = "crc-catalog"
812 version = "2.4.0"
813 source = "registry+https://github.com/rust-lang/crates.io-index"
814 checksum =
"19d374276b40fb8bbdee95aef7c7fa6b5316ec764510eb64b8dd0e2ed0d7e7f5"
815
816 [[package]]
817 name = "crossbeam-queue"
818 version = "0.3.9"
819 source = "registry+https://github.com/rust-lang/crates.io-index"
820 checksum =
"b9bcf5bdbfdd6030fb4a1c497b5d5fc5921aa2f60d359a17e249c0e6df3de153"
821 dependencies = [
822   "cfg-if",
823   "crossbeam-utils",
824 ]
825
826 [[package]]
827 name = "crossbeam-utils"
828 version = "0.8.17"
829 source = "registry+https://github.com/rust-lang/crates.io-index"
830 checksum =
"c06d96137f14f244c37f989d9fff8f95e6c18b918e71f36638f8c49112e4c78f"
831 dependencies = [
832   "cfg-if",
833 ]
834
835 [[package]]
836 name = "crypto-common"
837 version = "0.1.6"
838 source = "registry+https://github.com/rust-lang/crates.io-index"
```

```
839 checksum =
"1bfb12502f3fc46cca1bb51ac28df9d618d813cdc3d2f25b9fe775a34af26bb3"
840 dependencies = [
841   "generic-array",
842   "typenum",
843 ]
844
845 [[package]]
846 name = "csv"
847 version = "1.3.0"
848 source = "registry+https://github.com/rust-lang/crates.io-index"
849 checksum =
"ac574ff4d437a7b5ad237ef331c17ccca63c46479e5b5453eb8e10bb99a759fe"
850 dependencies = [
851   "csv-core",
852   "itoa",
853   "ryu",
854   "serde",
855 ]
856
857 [[package]]
858 name = "csv-core"
859 version = "0.1.11"
860 source = "registry+https://github.com/rust-lang/crates.io-index"
861 checksum =
"5efa2b3d7902f4b634a20cae3c9c4e6209dc4779feb6863329607560143efa70"
862 dependencies = [
863   "memchr",
864 ]
865
866 [[package]]
867 name = "darling"
868 version = "0.14.4"
869 source = "registry+https://github.com/rust-lang/crates.io-index"
870 checksum =
"7b750cb3417fd1b327431a470f388520309479ab0bf5e323505daf0290cd3850"
871 dependencies = [
872   "darling_core",
873   "darling_macro",
874 ]
875
876 [[package]]
877 name = "darling_core"
878 version = "0.14.4"
879 source = "registry+https://github.com/rust-lang/crates.io-index"
880 checksum =
"109c1ca6e6b7f82cc233a97004ea8ed7ca123a9af07a8230878fcfda9b158bf0"
881 dependencies = [
882   "fnv",
883   "ident_case",
884   "proc-macro2",
885   "quote",
886   "strsim",
887   "syn 1.0.109",
888 ]
889
890 [[package]]
891 name = "darling_macro"
892 version = "0.14.4"
893 source = "registry+https://github.com/rust-lang/crates.io-index"
894 checksum =
```

```
"a4aab4dbc9f7611d8b55048a3a16d2d010c2c8334e46304b40ac1cc14bf3b48e"
 895 dependencies = [
 896  "darling_core",
 897  "quote",
 898  "syn 1.0.109",
 899 ]
 900
 901 [[package]]
 902 name = "der"
 903 version = "0.7.8"
 904 source = "registry+https://github.com/rust-lang/crates.io-index"
 905 checksum =
"fffa369a668c8af7dbf8b5e56c9f744fbd399949ed171606040001947de40b1c"
 906 dependencies = [
 907  "const-oid",
 908  "pem-rfc7468",
 909  "zeroize",
 910 ]
 911
 912 [[package]]
 913 name = "deranged"
 914 version = "0.3.10"
 915 source = "registry+https://github.com/rust-lang/crates.io-index"
 916 checksum =
"8eb30d70a07a3b04884d2677f06bec33509dc67ca60d92949e5535352d3191dc"
 917 dependencies = [
 918  "powerfmt",
 919 ]
 920
 921 [[package]]
 922 name = "des"
 923 version = "0.8.1"
 924 source = "registry+https://github.com/rust-lang/crates.io-index"
 925 checksum =
"ffdd80ce8ce993de27e9f063a444a4d53ce8e8db4c1f00cc03af5ad5a9867a1e"
 926 dependencies = [
 927  "cipher",
 928 ]
 929
 930 [[package]]
 931 name = "digest"
 932 version = "0.10.7"
 933 source = "registry+https://github.com/rust-lang/crates.io-index"
 934 checksum =
"9ed9a281f7bc9b7576e61468ba615a66a5c8cfdff42420a70aa82701a3b1e292"
 935 dependencies = [
 936  "block-buffer",
 937  "const-oid",
 938  "crypto-common",
 939  "subtle",
 940 ]
 941
 942 [[package]]
 943 name = "dlv-list"
 944 version = "0.3.0"
 945 source = "registry+https://github.com/rust-lang/crates.io-index"
 946 checksum =
"0688c2a7f92e427f44895cd63841bff7b29f8d7a1648b9e7e07a4a365b2e1257"
 947
 948 [[package]]
 949 name = "doc-comment"
```

```
 950 version = "0.3.3"
 951 source = "registry+https://github.com/rust-lang/crates.io-index"
 952 checksum =
"fea41bba32d969b513997752735605054bc0dfa92b4c56bf1189f2e174be7a10"
 953
 954 [[package]]
 955 name = "dotenvy"
 956 version = "0.15.7"
 957 source = "registry+https://github.com/rust-lang/crates.io-index"
 958 checksum =
"1aaf95b3e5c8f23aa320147307562d361db0ae0d51242340f558153b4eb2439b"
 959
 960 [[package]]
 961 name = "either"
 962 version = "1.9.0"
 963 source = "registry+https://github.com/rust-lang/crates.io-index"
 964 checksum =
"a26ae43d7bcc3b814de94796a5e736d4029efb0ee900c12e2d54c993ad1a1e07"
 965 dependencies = [
 966   "serde",
 967 ]
 968
 969 [[package]]
 970 name = "encoding_rs"
 971 version = "0.8.33"
 972 source = "registry+https://github.com/rust-lang/crates.io-index"
 973 checksum =
"7268b386296a025e474d5140678f75d6de9493ae55a5d709eeb9dd08149945e1"
 974 dependencies = [
 975   "cfg-if",
 976 ]
 977
 978 [[package]]
 979 name = "equivalent"
 980 version = "1.0.1"
 981 source = "registry+https://github.com/rust-lang/crates.io-index"
 982 checksum =
"5443807d6dff69373d433ab9ef5378ad8df50ca6298caf15de6e52e24aaf54d5"
 983
 984 [[package]]
 985 name = "errno"
 986 version = "0.3.8"
 987 source = "registry+https://github.com/rust-lang/crates.io-index"
 988 checksum =
"a258e46cdc063eb8519c00b9fc845fc47bcfca4130e2f08e88665ceda8474245"
 989 dependencies = [
 990   "libc",
 991   "windows-sys 0.52.0",
 992 ]
 993
 994 [[package]]
 995 name = "etcetera"
 996 version = "0.8.0"
 997 source = "registry+https://github.com/rust-lang/crates.io-index"
 998 checksum =
"136d1b5283a1ab77bd9257427ffd09d8667ced0570b6f938942bc7568ed5b943"
 999 dependencies = [
1000   "cfg-if",
1001   "home",
1002   "windows-sys 0.48.0",
1003 ]
```

```
1004
1005 [[package]]
1006 name = "event-listener"
1007 version = "2.5.3"
1008 source = "registry+https://github.com/rust-lang/crates.io-index"
1009 checksum =
"0206175f82b8d6bf6652ff7d71a1e27fd2e4efde587fd368662814d6ec1d9ce0"
1010
1011 [[package]]
1012 name = "event-listener"
1013 version = "4.0.2"
1014 source = "registry+https://github.com/rust-lang/crates.io-index"
1015 checksum =
"218a870470cce1469024e9fb66b901aa983929d81304a1cdb299f28118e550d5"
1016 dependencies = [
1017   "concurrent-queue",
1018   "parking",
1019   "pin-project-lite",
1020 ]
1021
1022 [[package]]
1023 name = "event-listener-strategy"
1024 version = "0.4.0"
1025 source = "registry+https://github.com/rust-lang/crates.io-index"
1026 checksum =
"958e4d70b6d5e81971bebec42271ec641e7ff4e170a6fa605f2b8a8b65cb97d3"
1027 dependencies = [
1028   "event-listener 4.0.2",
1029   "pin-project-lite",
1030 ]
1031
1032 [[package]]
1033 name = "executor-trait"
1034 version = "2.1.0"
1035 source = "registry+https://github.com/rust-lang/crates.io-index"
1036 checksum =
"1a1052dd43212a7777ec6a69b117da52f5e52f07aec47d00c1a2b33b85d06b08"
1037 dependencies = [
1038   "async-trait",
1039 ]
1040
1041 [[package]]
1042 name = "exitfailure"
1043 version = "0.5.1"
1044 source = "registry+https://github.com/rust-lang/crates.io-index"
1045 checksum =
"2ff5bd832af37f366c6c194d813a11cd90ac484f124f079294f28e357ae40515"
1046 dependencies = [
1047   "failure",
1048 ]
1049
1050 [[package]]
1051 name = "failure"
1052 version = "0.1.8"
1053 source = "registry+https://github.com/rust-lang/crates.io-index"
1054 checksum =
"d32e9bd16cc02eae7db7ef620b392808b89f6a5e16bb3497d159c6b92a0f4f86"
1055 dependencies = [
1056   "backtrace",
1057   "failure_derive",
1058 ]
```

```
1059
1060 [[package]]
1061 name = "failure_derive"
1062 version = "0.1.8"
1063 source = "registry+https://github.com/rust-lang/crates.io-index"
1064 checksum =
"aa4da3c766cd7a0db8242e326e9e4e081edd567072893ed320008189715366a4"
1065 dependencies = [
1066   "proc-macro2",
1067   "quote",
1068   "syn 1.0.109",
1069   "synstructure",
1070 ]
1071
1072 [[package]]
1073 name = "fastrand"
1074 version = "1.9.0"
1075 source = "registry+https://github.com/rust-lang/crates.io-index"
1076 checksum =
"e51093e27b0797c359783294ca4f0a911c270184cb10f85783b118614a1501be"
1077 dependencies = [
1078   "instant",
1079 ]
1080
1081 [[package]]
1082 name = "fastrand"
1083 version = "2.0.1"
1084 source = "registry+https://github.com/rust-lang/crates.io-index"
1085 checksum =
"25cbce373ec4653f1a01a31e8a5e5ec0c622dc27ff9c4e6606eefef5cbbed4a5"
1086
1087 [[package]]
1088 name = "finl_unicode"
1089 version = "1.2.0"
1090 source = "registry+https://github.com/rust-lang/crates.io-index"
1091 checksum =
"8fcfdc7a0362c9f4444381a9e697c79d435fe65b52a37466fc2c1184cee9edc6"
1092
1093 [[package]]
1094 name = "flume"
1095 version = "0.10.14"
1096 source = "registry+https://github.com/rust-lang/crates.io-index"
1097 checksum =
"1657b4441c3403d9f7b3409e47575237dac27b1b5726df654a6ecbf92f0f7577"
1098 dependencies = [
1099   "futures-core",
1100   "futures-sink",
1101   "pin-project",
1102   "spin 0.9.8",
1103 ]
1104
1105 [[package]]
1106 name = "flume"
1107 version = "0.11.0"
1108 source = "registry+https://github.com/rust-lang/crates.io-index"
1109 checksum =
"55ac459de2512911e4b674ce33cf20befaba382d05b62b008afc1c8b57cbf181"
1110 dependencies = [
1111   "futures-core",
1112   "futures-sink",
1113   "spin 0.9.8",
```

```
1114 ]
1115
1116 [[package]]
1117 name = "fnv"
1118 version = "1.0.7"
1119 source = "registry+https://github.com/rust-lang/crates.io-index"
1120 checksum =
"3f9eec918d3f24069decb9af1554cad7c880e2da24a9afd88aca000531ab82c1"
1121
1122 [[package]]
1123 name = "foreign-types"
1124 version = "0.3.2"
1125 source = "registry+https://github.com/rust-lang/crates.io-index"
1126 checksum =
"f6f339eb8adc052cd2ca78910fda869aefa38d22d5cb648e6485e4d3fc06f3b1"
1127 dependencies = [
1128   "foreign-types-shared",
1129 ]
1130
1131 [[package]]
1132 name = "foreign-types-shared"
1133 version = "0.1.1"
1134 source = "registry+https://github.com/rust-lang/crates.io-index"
1135 checksum =
"00b0228411908ca8685dba7fc2cdd70ec9990a6e753e89b6ac91a84c40fbaf4b"
1136
1137 [[package]]
1138 name = "form_urlencoded"
1139 version = "1.2.1"
1140 source = "registry+https://github.com/rust-lang/crates.io-index"
1141 checksum =
"e13624c2627564efccf4934284bdd98cbaa14e79b0b5a141218e507b3a823456"
1142 dependencies = [
1143   "percent-encoding",
1144 ]
1145
1146 [[package]]
1147 name = "funty"
1148 version = "2.0.0"
1149 source = "registry+https://github.com/rust-lang/crates.io-index"
1150 checksum =
"e6d5a32815ae3f33302d95fdcb2ce17862f8c65363dcfd29360480ba1001fc9c"
1151
1152 [[package]]
1153 name = "futures"
1154 version = "0.3.29"
1155 source = "registry+https://github.com/rust-lang/crates.io-index"
1156 checksum =
"da0290714b38af9b4a7b094b8a37086d1b4e61f2df9122c3cad2577669145335"
1157 dependencies = [
1158   "futures-channel",
1159   "futures-core",
1160   "futures-executor",
1161   "futures-io",
1162   "futures-sink",
1163   "futures-task",
1164   "futures-util",
1165 ]
1166
1167 [[package]]
1168 name = "futures-channel"
```

```
1169 version = "0.3.29"
1170 source = "registry+https://github.com/rust-lang/crates.io-index"
1171 checksum =
"ff4dd66668b557604244583e3e1e1eada8c5c2e96a6d0d6653ede395b78bbacb"
1172 dependencies = [
1173  "futures-core",
1174  "futures-sink",
1175 ]
1176
1177 [[package]]
1178 name = "futures-core"
1179 version = "0.3.29"
1180 source = "registry+https://github.com/rust-lang/crates.io-index"
1181 checksum =
"eb1d22c66e66d9d72e1758f0bd7d4fd0bee04cad842ee34587d68c07e45d088c"
1182
1183 [[package]]
1184 name = "futures-executor"
1185 version = "0.3.29"
1186 source = "registry+https://github.com/rust-lang/crates.io-index"
1187 checksum =
"0f4fb8693db0cf099eadcca0efe2a5a22e4550f98ed16aba6c48700da29597bc"
1188 dependencies = [
1189  "futures-core",
1190  "futures-task",
1191  "futures-util",
1192 ]
1193
1194 [[package]]
1195 name = "futures-intrusive"
1196 version = "0.5.0"
1197 source = "registry+https://github.com/rust-lang/crates.io-index"
1198 checksum =
"1d930c203dd0b6ff06e0201a4a2fe9149b43c684fd4420555b26d21b1a02956f"
1199 dependencies = [
1200  "futures-core",
1201  "lock_api",
1202  "parking_lot",
1203 ]
1204
1205 [[package]]
1206 name = "futures-io"
1207 version = "0.3.29"
1208 source = "registry+https://github.com/rust-lang/crates.io-index"
1209 checksum =
"8bf34a163b5c4c52d0478a4d757da8fb65cabef42ba90515efee0f6f9fa45aaa"
1210
1211 [[package]]
1212 name = "futures-lite"
1213 version = "1.13.0"
1214 source = "registry+https://github.com/rust-lang/crates.io-index"
1215 checksum =
"49a9d51ce47660b1e808d3c990b4709f2f415d928835a17dfd16991515c46bce"
1216 dependencies = [
1217  "fastrand 1.9.0",
1218  "futures-core",
1219  "futures-io",
1220  "memchr",
1221  "parking",
1222  "pin-project-lite",
1223  "waker-fn",
```

```
1224 ]
1225
1226 [[package]]
1227 name = "futures-lite"
1228 version = "2.1.0"
1229 source = "registry+https://github.com/rust-lang/crates.io-index"
1230 checksum =
"aeee267a1883f7ebef3700f262d2d54de95dfaf38189015a74fdc4e0c7ad8143"
1231 dependencies = [
1232  "fastrand 2.0.1",
1233  "futures-core",
1234  "futures-io",
1235  "parking",
1236  "pin-project-lite",
1237 ]
1238
1239 [[package]]
1240 name = "futures-macro"
1241 version = "0.3.29"
1242 source = "registry+https://github.com/rust-lang/crates.io-index"
1243 checksum =
"53b153fd91e4b0147f4aced87be237c98248656bb01050b96bf3ee89220a8ddb"
1244 dependencies = [
1245  "proc-macro2",
1246  "quote",
1247  "syn 2.0.41",
1248 ]
1249
1250 [[package]]
1251 name = "futures-sink"
1252 version = "0.3.29"
1253 source = "registry+https://github.com/rust-lang/crates.io-index"
1254 checksum =
"e36d3378ee38c2a36ad710c5d30c2911d752cb941c00c72dbabfb786a7970817"
1255
1256 [[package]]
1257 name = "futures-task"
1258 version = "0.3.29"
1259 source = "registry+https://github.com/rust-lang/crates.io-index"
1260 checksum =
"efd193069b0ddadc69c46389b740bbccdd97203899b48d09c5f7969591d6bae2"
1261
1262 [[package]]
1263 name = "futures-util"
1264 version = "0.3.29"
1265 source = "registry+https://github.com/rust-lang/crates.io-index"
1266 checksum =
"a19526d624e703a3179b3d322efec918b6246ea0fa51d41124525f00f1cc8104"
1267 dependencies = [
1268  "futures-channel",
1269  "futures-core",
1270  "futures-io",
1271  "futures-macro",
1272  "futures-sink",
1273  "futures-task",
1274  "memchr",
1275  "pin-project-lite",
1276  "pin-utils",
1277  "slab",
1278 ]
1279
```

```
1280 [[package]]
1281 name = "generic-array"
1282 version = "0.14.7"
1283 source = "registry+https://github.com/rust-lang/crates.io-index"
1284 checksum =
"85649ca51fd72272d7821adaf274ad91c288277713d9c18820d8499a7ff69e9a"
1285 dependencies = [
1286   "typenum",
1287   "version_check",
1288 ]
1289
1290 [[package]]
1291 name = "getrandom"
1292 version = "0.2.11"
1293 source = "registry+https://github.com/rust-lang/crates.io-index"
1294 checksum =
"fe9006bed769170c11f845cf00c7c1e9092aeb3f268e007c3e760ac68008070f"
1295 dependencies = [
1296   "cfg-if",
1297   "libc",
1298   "wasi",
1299 ]
1300
1301 [[package]]
1302 name = "gimli"
1303 version = "0.28.1"
1304 source = "registry+https://github.com/rust-lang/crates.io-index"
1305 checksum =
"4271d37baee1b8c7e4b708028c57d816cf9d2434acb33a549475f78c181f6253"
1306
1307 [[package]]
1308 name = "globset"
1309 version = "0.4.14"
1310 source = "registry+https://github.com/rust-lang/crates.io-index"
1311 checksum =
"57da3b9b5b85bd66f31093f8c408b90a74431672542466497dcbdfdc02034be1"
1312 dependencies = [
1313   "aho-corasick",
1314   "bstr",
1315   "log",
1316   "regex-automata",
1317   "regex-syntax",
1318 ]
1319
1320 [[package]]
1321 name = "h2"
1322 version = "0.3.22"
1323 source = "registry+https://github.com/rust-lang/crates.io-index"
1324 checksum =
"4d6250322ef6e60f93f9a2162799302cd6f68f79f6e5d85c8c16f14d1d958178"
1325 dependencies = [
1326   "bytes",
1327   "fnv",
1328   "futures-core",
1329   "futures-sink",
1330   "futures-util",
1331   "http 0.2.11",
1332   "indexmap",
1333   "slab",
1334   "tokio",
1335   "tokio-util",
```

```
1336   "tracing",
1337 ]
1338
1339 [[package]]
1340 name = "h2"
1341 version = "0.4.0"
1342 source = "registry+https://github.com/rust-lang/crates.io-index"
1343 checksum =
"e1d308f63daf4181410c242d34c11f928dcb3aa105852019e043c9d1f4e4368a"
1344 dependencies = [
1345   "bytes",
1346   "fnv",
1347   "futures-core",
1348   "futures-sink",
1349   "futures-util",
1350   "http 1.0.0",
1351   "indexmap",
1352   "slab",
1353   "tokio",
1354   "tokio-util",
1355   "tracing",
1356 ]
1357
1358 [[package]]
1359 name = "hashbrown"
1360 version = "0.12.3"
1361 source = "registry+https://github.com/rust-lang/crates.io-index"
1362 checksum =
"8a9ee70c43aaf417c914396645a0fa852624801b24ebb7ae78fe8272889ac888"
1363 dependencies = [
1364   "ahash 0.7.7",
1365 ]
1366
1367 [[package]]
1368 name = "hashbrown"
1369 version = "0.14.3"
1370 source = "registry+https://github.com/rust-lang/crates.io-index"
1371 checksum =
"290f1a1d9242c78d09ce40a5e87e7554ee637af1351968159f4952f028f75604"
1372 dependencies = [
1373   "ahash 0.8.6",
1374   "allocator-api2",
1375 ]
1376
1377 [[package]]
1378 name = "hashlink"
1379 version = "0.8.4"
1380 source = "registry+https://github.com/rust-lang/crates.io-index"
1381 checksum =
"e8094feaf31ff591f651a2664fb9cfd92bba7a60ce3197265e9482ebe753c8f7"
1382 dependencies = [
1383   "hashbrown 0.14.3",
1384 ]
1385
1386 [[package]]
1387 name = "heck"
1388 version = "0.4.1"
1389 source = "registry+https://github.com/rust-lang/crates.io-index"
1390 checksum =
"95505c38b4572b2d910cecb0281560f54b440a19336cbbcb27bf6ce6adc6f5a8"
1391 dependencies = [
```

```
1392   "unicode-segmentation",
1393 ]
1394
1395 [[package]]
1396 name = "hermit-abi"
1397 version = "0.3.3"
1398 source = "registry+https://github.com/rust-lang/crates.io-index"
1399 checksum =
"d77f7ec81a6d05a3abb01ab6eb7590f6083d08449fe5a1c8b1e620283546ccb7"
1400
1401 [[package]]
1402 name = "hex"
1403 version = "0.4.3"
1404 source = "registry+https://github.com/rust-lang/crates.io-index"
1405 checksum =
"7f24254aa9a54b5c858eaee2f5bccdb46aaf0e486a595ed5fd8f86ba55232a70"
1406
1407 [[package]]
1408 name = "hkdf"
1409 version = "0.12.4"
1410 source = "registry+https://github.com/rust-lang/crates.io-index"
1411 checksum =
"7b5f8eb2ad728638ea2c7d47a21db23b7b58a72ed6a38256b8a1849f15fbbdf7"
1412 dependencies = [
1413   "hmac",
1414 ]
1415
1416 [[package]]
1417 name = "hmac"
1418 version = "0.12.1"
1419 source = "registry+https://github.com/rust-lang/crates.io-index"
1420 checksum =
"6c49c37c09c17a53d937dfbb742eb3a961d65a994e6bcdcf37e7399d0cc8ab5e"
1421 dependencies = [
1422   "digest",
1423 ]
1424
1425 [[package]]
1426 name = "home"
1427 version = "0.5.9"
1428 source = "registry+https://github.com/rust-lang/crates.io-index"
1429 checksum =
"e3d1354bf6b7235cb4a0576c2619fd4ed18183f689b12b006a0ee7329eeff9a5"
1430 dependencies = [
1431   "windows-sys 0.52.0",
1432 ]
1433
1434 [[package]]
1435 name = "hostname"
1436 version = "0.3.1"
1437 source = "registry+https://github.com/rust-lang/crates.io-index"
1438 checksum =
"3c731c3e10504cc8ed35cfe2f1db4c9274c3d35fa486e3b31df46f068ef3e867"
1439 dependencies = [
1440   "libc",
1441   "match_cfg",
1442   "winapi",
1443 ]
1444
1445 [[package]]
1446 name = "http"
```

```
1447 version = "0.2.11"
1448 source = "registry+https://github.com/rust-lang/crates.io-index"
1449 checksum =
"8947b1a6fad4393052c7ba1f4cd97bed3e953a95c79c92ad9b051a04611d9fbb"
1450 dependencies = [
1451  "bytes",
1452  "fnv",
1453  "itoa",
1454 ]
1455
1456 [[package]]
1457 name = "http"
1458 version = "1.0.0"
1459 source = "registry+https://github.com/rust-lang/crates.io-index"
1460 checksum =
"b32afd38673a8016f7c9ae69e5af41a58f81b1d31689040f2f1959594ce194ea"
1461 dependencies = [
1462  "bytes",
1463  "fnv",
1464  "itoa",
1465 ]
1466
1467 [[package]]
1468 name = "http-body"
1469 version = "0.4.6"
1470 source = "registry+https://github.com/rust-lang/crates.io-index"
1471 checksum =
"7ceab25649e9960c0311ea418d17bee82c0dcec1bd053b5f9a66e265a693bed2"
1472 dependencies = [
1473  "bytes",
1474  "http 0.2.11",
1475  "pin-project-lite",
1476 ]
1477
1478 [[package]]
1479 name = "http-body"
1480 version = "1.0.0"
1481 source = "registry+https://github.com/rust-lang/crates.io-index"
1482 checksum =
"1cac85db508abc24a2e48553ba12a996e87244a0395ce011e62b37158745d643"
1483 dependencies = [
1484  "bytes",
1485  "http 1.0.0",
1486 ]
1487
1488 [[package]]
1489 name = "http-body-util"
1490 version = "0.1.0"
1491 source = "registry+https://github.com/rust-lang/crates.io-index"
1492 checksum =
"41cb79eb393015dadd30fc252023adb0b2400a0caee0fa2a077e6e21a551e840"
1493 dependencies = [
1494  "bytes",
1495  "futures-util",
1496  "http 1.0.0",
1497  "http-body 1.0.0",
1498  "pin-project-lite",
1499 ]
1500
1501 [[package]]
1502 name = "httparse"
```

```
1503 version = "1.8.0"
1504 source = "registry+https://github.com/rust-lang/crates.io-index"
1505 checksum =
"d897f394bad6a705d5f4104762e116a75639e470d80901eed05a860a95cb1904"
1506
1507 [[package]]
1508 name = "httpdate"
1509 version = "1.0.3"
1510 source = "registry+https://github.com/rust-lang/crates.io-index"
1511 checksum =
"df3b46402a9d5adb4c86a0cf463f42e19994e3ee891101b1841f30a545cb49a9"
1512
1513 [[package]]
1514 name = "hyper"
1515 version = "0.14.28"
1516 source = "registry+https://github.com/rust-lang/crates.io-index"
1517 checksum =
"bf96e135eb83a2a8ddf766e426a841d8ddd7449d5f00d34ea02b41d2f19eef80"
1518 dependencies = [
1519   "bytes",
1520   "futures-channel",
1521   "futures-core",
1522   "futures-util",
1523   "h2 0.3.22",
1524   "http 0.2.11",
1525   "http-body 0.4.6",
1526   "httparse",
1527   "httpdate",
1528   "itoa",
1529   "pin-project-lite",
1530   "socket2 0.5.5",
1531   "tokio",
1532   "tower-service",
1533   "tracing",
1534   "want",
1535 ]
1536
1537 [[package]]
1538 name = "hyper"
1539 version = "1.1.0"
1540 source = "registry+https://github.com/rust-lang/crates.io-index"
1541 checksum =
"fb5aa53871fc917b1a9ed87b683a5d86db645e23acb32c2e0785a353e522fb75"
1542 dependencies = [
1543   "bytes",
1544   "futures-channel",
1545   "futures-util",
1546   "h2 0.4.0",
1547   "http 1.0.0",
1548   "http-body 1.0.0",
1549   "httparse",
1550   "httpdate",
1551   "itoa",
1552   "pin-project-lite",
1553   "tokio",
1554   "want",
1555 ]
1556
1557 [[package]]
1558 name = "hyper-tls"
1559 version = "0.5.0"
```

```
1560 source = "registry+https://github.com/rust-lang/crates.io-index"
1561 checksum =
"d6183ddfa99b85da61a140bea0efc93fdf56ceaa041b37d553518030827f9905"
1562 dependencies = [
1563   "bytes",
1564   "hyper 0.14.28",
1565   "native-tls",
1566   "tokio",
1567   "tokio-native-tls",
1568 ]
1569
1570 [[package]]
1571 name = "hyper-util"
1572 version = "0.1.1"
1573 source = "registry+https://github.com/rust-lang/crates.io-index"
1574 checksum =
"9ca339002caeb0d159cc6e023dff48e199f081e42fa039895c7c6f38b37f2e9d"
1575 dependencies = [
1576   "bytes",
1577   "futures-channel",
1578   "futures-util",
1579   "http 1.0.0",
1580   "http-body 1.0.0",
1581   "hyper 1.1.0",
1582   "pin-project-lite",
1583   "socket2 0.5.5",
1584   "tokio",
1585   "tower",
1586   "tower-service",
1587   "tracing",
1588 ]
1589
1590 [[package]]
1591 name = "iana-time-zone"
1592 version = "0.1.58"
1593 source = "registry+https://github.com/rust-lang/crates.io-index"
1594 checksum =
"8326b86b6cff230b97d0d312a6c40a60726df3332e721f72a1b035f451663b20"
1595 dependencies = [
1596   "android_system_properties",
1597   "core-foundation-sys",
1598   "iana-time-zone-haiku",
1599   "js-sys",
1600   "wasm-bindgen",
1601   "windows-core",
1602 ]
1603
1604 [[package]]
1605 name = "iana-time-zone-haiku"
1606 version = "0.1.2"
1607 source = "registry+https://github.com/rust-lang/crates.io-index"
1608 checksum =
"f31827a206f56af32e590ba56d5d2d085f558508192593743f16b2306495269f"
1609 dependencies = [
1610   "cc",
1611 ]
1612
1613 [[package]]
1614 name = "ident_case"
1615 version = "1.0.1"
1616 source = "registry+https://github.com/rust-lang/crates.io-index"
```

```
1617 checksum =
"b9e0384b61958566e926dc50660321d12159025e767c18e043daf26b70104c39"
1618
1619 [[package]]
1620 name = "idna"
1621 version = "0.5.0"
1622 source = "registry+https://github.com/rust-lang/crates.io-index"
1623 checksum =
"634d9b1461af396cad843f47fdba5597a4f9e6ddd4bfb6ff5d85028c25cb12f6"
1624 dependencies = [
1625  "unicode-bidi",
1626  "unicode-normalization",
1627 ]
1628
1629 [[package]]
1630 name = "indexmap"
1631 version = "2.1.0"
1632 source = "registry+https://github.com/rust-lang/crates.io-index"
1633 checksum =
"d530e1a18b1cb4c484e6e34556a0d948706958449fca0cab753d649f2bce3d1f"
1634 dependencies = [
1635  "equivalent",
1636  "hashbrown 0.14.3",
1637  "serde",
1638 ]
1639
1640 [[package]]
1641 name = "inherent"
1642 version = "1.0.10"
1643 source = "registry+https://github.com/rust-lang/crates.io-index"
1644 checksum =
"ce243b1bfa62ffc028f1cc3b6034ec63d649f3031bc8a4fbbb004e1ac17d1f68"
1645 dependencies = [
1646  "proc-macro2",
1647  "quote",
1648  "syn 2.0.41",
1649 ]
1650
1651 [[package]]
1652 name = "inout"
1653 version = "0.1.3"
1654 source = "registry+https://github.com/rust-lang/crates.io-index"
1655 checksum =
"a0c10553d664a4d0bcff9f4215d0aac67a639cc68ef660840afe309b807bc9f5"
1656 dependencies = [
1657  "block-padding",
1658  "generic-array",
1659 ]
1660
1661 [[package]]
1662 name = "instant"
1663 version = "0.1.12"
1664 source = "registry+https://github.com/rust-lang/crates.io-index"
1665 checksum =
"7a5bbe824c507c5da5956355e86a746d82e0e1464f65d862cc5e71da70e94b2c"
1666 dependencies = [
1667  "cfg-if",
1668 ]
1669
1670 [[package]]
1671 name = "io-lifetimes"
```

```
1672 version = "1.0.11"
1673 source = "registry+https://github.com/rust-lang/crates.io-index"
1674 checksum =
"eae7b9aee968036d54dce06cebaefd919e4472e753296daccd6d344e3e2df0c2"
1675 dependencies = [
1676  "hermit-abi",
1677  "libc",
1678  "windows-sys 0.48.0",
1679 ]
1680
1681 [[package]]
1682 name = "ipnet"
1683 version = "2.9.0"
1684 source = "registry+https://github.com/rust-lang/crates.io-index"
1685 checksum =
"8f518f335dce6725a761382244631d86cf0ccb2863413590b31338feb467f9c3"
1686
1687 [[package]]
1688 name = "ipnetwork"
1689 version = "0.20.0"
1690 source = "registry+https://github.com/rust-lang/crates.io-index"
1691 checksum =
"bf466541e9d546596ee94f9f69590f89473455f88372423e0008fc1a7daf100e"
1692 dependencies = [
1693  "serde",
1694 ]
1695
1696 [[package]]
1697 name = "itertools"
1698 version = "0.12.0"
1699 source = "registry+https://github.com/rust-lang/crates.io-index"
1700 checksum =
"25db6b064527c5d482d0423354fcd07a89a2dfe07b67892e62411946db7f07b0"
1701 dependencies = [
1702  "either",
1703 ]
1704
1705 [[package]]
1706 name = "itoa"
1707 version = "1.0.10"
1708 source = "registry+https://github.com/rust-lang/crates.io-index"
1709 checksum =
"b1a46d1a171d865aa5f83f92695765caa047a9b4cbae2cbf37dbd613a793fd4c"
1710
1711 [[package]]
1712 name = "js-sys"
1713 version = "0.3.66"
1714 source = "registry+https://github.com/rust-lang/crates.io-index"
1715 checksum =
"cee9c64da59eae3b50095c18d3e74f8b73c0b86d2792824ff01bbce68ba229ca"
1716 dependencies = [
1717  "wasm-bindgen",
1718 ]
1719
1720 [[package]]
1721 name = "json5"
1722 version = "0.4.1"
1723 source = "registry+https://github.com/rust-lang/crates.io-index"
1724 checksum =
"96b0db21af676c1ce64250b5f40f3ce2cf27e4e47cb91ed91eb6fe9350b430c1"
1725 dependencies = [
```

```
1726   "pest",
1727   "pest_derive",
1728   "serde",
1729 ]
1730
1731 [[package]]
1732 name = "lapin"
1733 version = "2.3.1"
1734 source = "registry+https://github.com/rust-lang/crates.io-index"
1735 checksum =
"5f3067a1fcfbc3fc46455809c023e69b8f6602463201010f4ae5a3b572adb9dc"
1736 dependencies = [
1737   "amq-protocol",
1738   "async-global-executor-trait",
1739   "async-reactor-trait",
1740   "async-trait",
1741   "executor-trait",
1742   "flume 0.10.14",
1743   "futures-core",
1744   "futures-io",
1745   "parking_lot",
1746   "pinky-swear",
1747   "reactor-trait",
1748   "serde",
1749   "tracing",
1750   "waker-fn",
1751 ]
1752
1753 [[package]]
1754 name = "lazy_static"
1755 version = "1.4.0"
1756 source = "registry+https://github.com/rust-lang/crates.io-index"
1757 checksum =
"e2abad23fbc42b3700f2f279844dc832adb2b2eb069b2df918f455c4e18cc646"
1758 dependencies = [
1759   "spin 0.5.2",
1760 ]
1761
1762 [[package]]
1763 name = "libc"
1764 version = "0.2.151"
1765 source = "registry+https://github.com/rust-lang/crates.io-index"
1766 checksum =
"302d7ab3130588088d277783b1e2d2e10c9e9e4a16dd9050e6ec93fb3e7048f4"
1767
1768 [[package]]
1769 name = "libm"
1770 version = "0.2.8"
1771 source = "registry+https://github.com/rust-lang/crates.io-index"
1772 checksum =
"4ec2a862134d2a7d32d7983ddcdd1c4923530833c9f2ea1a44fc5fa473989058"
1773
1774 [[package]]
1775 name = "libsqlite3-sys"
1776 version = "0.27.0"
1777 source = "registry+https://github.com/rust-lang/crates.io-index"
1778 checksum =
"cf4e226dcd58b4be396f7bd3c20da8fdee2911400705297ba7d2d7cc2c30f716"
1779 dependencies = [
1780   "cc",
1781   "pkg-config",
```

```
1782   "vcpkg",
1783 ]
1784
1785 [[package]]
1786 name = "linked-hash-map"
1787 version = "0.5.6"
1788 source = "registry+https://github.com/rust-lang/crates.io-index"
1789 checksum =
"0717cef1bc8b636c6e1c1bbdefc09e6322da8a9321966e8928ef80d20f7f770f"
1790
1791 [[package]]
1792 name = "linux-raw-sys"
1793 version = "0.3.8"
1794 source = "registry+https://github.com/rust-lang/crates.io-index"
1795 checksum =
"ef53942eb7bf7ff43a617b3e2c1c4a5ecf5944a7c1bc12d7ee39bbb15e5c1519"
1796
1797 [[package]]
1798 name = "linux-raw-sys"
1799 version = "0.4.12"
1800 source = "registry+https://github.com/rust-lang/crates.io-index"
1801 checksum =
"c4cd1a83af159aa67994778be9070f0ae1bd732942279cabb14f86f986a21456"
1802
1803 [[package]]
1804 name = "lock_api"
1805 version = "0.4.11"
1806 source = "registry+https://github.com/rust-lang/crates.io-index"
1807 checksum =
"3c168f8615b12bc01f9c17e2eb0cc07dcae1940121185446edc3744920e8ef45"
1808 dependencies = [
1809   "autocfg",
1810   "scopeguard",
1811 ]
1812
1813 [[package]]
1814 name = "log"
1815 version = "0.4.20"
1816 source = "registry+https://github.com/rust-lang/crates.io-index"
1817 checksum =
"b5e6163cb8c49088c2c36f57875e58ccd8c87c7427f7fbd50ea6710b2f3f2e8f"
1818
1819 [[package]]
1820 name = "mac_address"
1821 version = "1.1.5"
1822 source = "registry+https://github.com/rust-lang/crates.io-index"
1823 checksum =
"4863ee94f19ed315bf3bc00299338d857d4b5bc856af375cc97d237382ad3856"
1824 dependencies = [
1825   "nix 0.23.2",
1826   "winapi",
1827 ]
1828
1829 [[package]]
1830 name = "match_cfg"
1831 version = "0.1.0"
1832 source = "registry+https://github.com/rust-lang/crates.io-index"
1833 checksum =
"ffbee8634e0d45d258acb448e7eaab3fce7a0a467395d4d9f228e3c1f01fb2e4"
1834
1835 [[package]]
```

```
1836 name = "matchit"
1837 version = "0.7.3"
1838 source = "registry+https://github.com/rust-lang/crates.io-index"
1839 checksum =
"0e7465ac9959cc2b1404e8e2367b43684a6d13790fe23056cc8c6c5a6b7bcb94"
1840
1841 [[package]]
1842 name = "md-5"
1843 version = "0.10.6"
1844 source = "registry+https://github.com/rust-lang/crates.io-index"
1845 checksum =
"d89e7ee0cfbedfc4da3340218492196241d89eefb6dab27de5df917a6d2e78cf"
1846 dependencies = [
1847  "cfg-if",
1848  "digest",
1849 ]
1850
1851 [[package]]
1852 name = "memchr"
1853 version = "2.6.4"
1854 source = "registry+https://github.com/rust-lang/crates.io-index"
1855 checksum =
"f665ee40bc4a3c5590afb1e9677db74a508659dfd71e126420da8274909a0167"
1856
1857 [[package]]
1858 name = "memoffset"
1859 version = "0.6.5"
1860 source = "registry+https://github.com/rust-lang/crates.io-index"
1861 checksum =
"5aa361d4faea93603064a027415f07bd8e1d5c88c9fbf68bf56a285428fd79ce"
1862 dependencies = [
1863  "autocfg",
1864 ]
1865
1866 [[package]]
1867 name = "mime"
1868 version = "0.3.17"
1869 source = "registry+https://github.com/rust-lang/crates.io-index"
1870 checksum =
"6877bb514081ee2a7ff5ef9de3281f14a4dd4bceac4c09388074a6b5df8a139a"
1871
1872 [[package]]
1873 name = "mime_guess"
1874 version = "2.0.4"
1875 source = "registry+https://github.com/rust-lang/crates.io-index"
1876 checksum =
"4192263c238a5f0d0c6bfd21f336a313a4ce1c450542449ca191bb657b4642ef"
1877 dependencies = [
1878  "mime",
1879  "unicase",
1880 ]
1881
1882 [[package]]
1883 name = "minimal-lexical"
1884 version = "0.2.1"
1885 source = "registry+https://github.com/rust-lang/crates.io-index"
1886 checksum =
"68354c5c6bd36d73ff3feceb05efa59b6acb7626617f4962be322a825e61f79a"
1887
1888 [[package]]
1889 name = "miniz_oxide"
```

```
1890 version = "0.7.1"
1891 source = "registry+https://github.com/rust-lang/crates.io-index"
1892 checksum =
"e7810e0be55b428ada41041c41f32c9f1a42817901b4ccf45fa3d4b6561e74c7"
1893 dependencies = [
1894  "adler",
1895 ]
1896
1897 [[package]]
1898 name = "mio"
1899 version = "0.8.10"
1900 source = "registry+https://github.com/rust-lang/crates.io-index"
1901 checksum =
"8f3d0b296e374a4e6f3c7b0a1f5a51d748a0d34c85e7dc48fc3fa9a87657fe09"
1902 dependencies = [
1903  "libc",
1904  "wasi",
1905  "windows-sys 0.48.0",
1906 ]
1907
1908 [[package]]
1909 name = "native-tls"
1910 version = "0.2.11"
1911 source = "registry+https://github.com/rust-lang/crates.io-index"
1912 checksum =
"07226173c32f2926027b63cce4bcd8076c3552846cbe7925f3aaffeac0a3b92e"
1913 dependencies = [
1914  "lazy_static",
1915  "libc",
1916  "log",
1917  "openssl",
1918  "openssl-probe",
1919  "openssl-sys",
1920  "schannel",
1921  "security-framework",
1922  "security-framework-sys",
1923  "tempfile",
1924 ]
1925
1926 [[package]]
1927 name = "nix"
1928 version = "0.23.2"
1929 source = "registry+https://github.com/rust-lang/crates.io-index"
1930 checksum =
"8f3790c00a0150112de0f4cd161e3d7fc4b2d8a5542ffc35f099a2562aecb35c"
1931 dependencies = [
1932  "bitflags 1.3.2",
1933  "cc",
1934  "cfg-if",
1935  "libc",
1936  "memoffset",
1937 ]
1938
1939 [[package]]
1940 name = "nix"
1941 version = "0.27.1"
1942 source = "registry+https://github.com/rust-lang/crates.io-index"
1943 checksum =
"2eb04e9c688eff1c89d72b407f168cf79bb9e867a9d3323ed6c01519eb9cc053"
1944 dependencies = [
1945  "bitflags 2.4.1",
```

```
1946   "cfg-if",
1947   "libc",
1948 ]
1949
1950 [[package]]
1951 name = "nom"
1952 version = "7.1.3"
1953 source = "registry+https://github.com/rust-lang/crates.io-index"
1954 checksum =
"d273983c5a657a70a3e8f2a01329822f3b8c8172b73826411a55751e404a0a4a"
1955 dependencies = [
1956   "memchr",
1957   "minimal-lexical",
1958 ]
1959
1960 [[package]]
1961 name = "num-bigint"
1962 version = "0.4.4"
1963 source = "registry+https://github.com/rust-lang/crates.io-index"
1964 checksum =
"608e7659b5c3d7cba262d894801b9ec9d00de989e8a82bd4bef91d08da45cdc0"
1965 dependencies = [
1966   "autocfg",
1967   "num-integer",
1968   "num-traits",
1969 ]
1970
1971 [[package]]
1972 name = "num-bigint-dig"
1973 version = "0.8.4"
1974 source = "registry+https://github.com/rust-lang/crates.io-index"
1975 checksum =
"dc84195820f291c7697304f3cbdadd1cb7199c0efc917ff5eafd71225c136151"
1976 dependencies = [
1977   "byteorder",
1978   "lazy_static",
1979   "libm",
1980   "num-integer",
1981   "num-iter",
1982   "num-traits",
1983   "rand",
1984   "smallvec",
1985   "zeroize",
1986 ]
1987
1988 [[package]]
1989 name = "num-integer"
1990 version = "0.1.45"
1991 source = "registry+https://github.com/rust-lang/crates.io-index"
1992 checksum =
"225d3389fb3509a24c93f5c29eb6bde2586b98d9f016636dff58d7c6f7569cd9"
1993 dependencies = [
1994   "autocfg",
1995   "num-traits",
1996 ]
1997
1998 [[package]]
1999 name = "num-iter"
2000 version = "0.1.43"
2001 source = "registry+https://github.com/rust-lang/crates.io-index"
2002 checksum =
```

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"7d03e6c028c5dc5cac6e2dec0efda81fc887605bb3d884578bb6d6bf7514e252"
2003 dependencies = [
2004   "autocfg",
2005   "num-integer",
2006   "num-traits",
2007 ]
2008
2009 [[package]]
2010 name = "num-traits"
2011 version = "0.2.17"
2012 source = "registry+https://github.com/rust-lang/crates.io-index"
2013 checksum =
"39e3200413f237f41ab11ad6d161bc7239c84dcb631773ccd7de3dfe4b5c267c"
2014 dependencies = [
2015   "autocfg",
2016   "libm",
2017 ]
2018
2019 [[package]]
2020 name = "num_cpus"
2021 version = "1.16.0"
2022 source = "registry+https://github.com/rust-lang/crates.io-index"
2023 checksum =
"4161fcb6d602d4d2081af7c3a45852d875a03dd337a6bfdd6e06407b61342a43"
2024 dependencies = [
2025   "hermit-abi",
2026   "libc",
2027 ]
2028
2029 [[package]]
2030 name = "object"
2031 version = "0.32.1"
2032 source = "registry+https://github.com/rust-lang/crates.io-index"
2033 checksum =
"9cf5f9dd3933bd50a9e1f149ec995f39ae2c496d31fd772c1fd45ebc27e902b0"
2034 dependencies = [
2035   "memchr",
2036 ]
2037
2038 [[package]]
2039 name = "once_cell"
2040 version = "1.19.0"
2041 source = "registry+https://github.com/rust-lang/crates.io-index"
2042 checksum =
"3fdb12b2476b595f9358c5161aa467c2438859caa136dec86c26fdd2efe17b92"
2043
2044 [[package]]
2045 name = "openssl"
2046 version = "0.10.62"
2047 source = "registry+https://github.com/rust-lang/crates.io-index"
2048 checksum =
"8cde4d2d9200ad5909f8dac647e29482e07c3a35de8a13fce7c9c7747ad9f671"
2049 dependencies = [
2050   "bitflags 2.4.1",
2051   "cfg-if",
2052   "foreign-types",
2053   "libc",
2054   "once_cell",
2055   "openssl-macros",
2056   "openssl-sys",
2057 ]
```

```
2058
2059 [[package]]
2060 name = "openssl-macros"
2061 version = "0.1.1"
2062 source = "registry+https://github.com/rust-lang/crates.io-index"
2063 checksum =
"a948666b637a0f465e8564c73e89d4dde00d72d4d473cc972f390fc3dcee7d9c"
2064 dependencies = [
2065   "proc-macro2",
2066   "quote",
2067   "syn 2.0.41",
2068 ]
2069
2070 [[package]]
2071 name = "openssl-probe"
2072 version = "0.1.5"
2073 source = "registry+https://github.com/rust-lang/crates.io-index"
2074 checksum =
"ff011a302c396a5197692431fc1948019154afc178baf7d8e37367442a4601cf"
2075
2076 [[package]]
2077 name = "openssl-sys"
2078 version = "0.9.98"
2079 source = "registry+https://github.com/rust-lang/crates.io-index"
2080 checksum =
"c1665caf8ab2dc9aef43d1c0023bd904633a6a05cb30b0ad59bec2ae986e57a7"
2081 dependencies = [
2082   "cc",
2083   "libc",
2084   "pkg-config",
2085   "vcpkg",
2086 ]
2087
2088 [[package]]
2089 name = "ordered-multimap"
2090 version = "0.4.3"
2091 source = "registry+https://github.com/rust-lang/crates.io-index"
2092 checksum =
"ccd746e37177e1711c20dd619a1620f34f5c8b569c53590a72dedd5344d8924a"
2093 dependencies = [
2094   "dlv-list",
2095   "hashbrown 0.12.3",
2096 ]
2097
2098 [[package]]
2099 name = "p12"
2100 version = "0.6.3"
2101 source = "registry+https://github.com/rust-lang/crates.io-index"
2102 checksum =
"d4873306de53fe82e7e484df31e1e947d61514b6ea2ed6cd7b45d63006fd9224"
2103 dependencies = [
2104   "cbc",
2105   "cipher",
2106   "des",
2107   "getrandom",
2108   "hmac",
2109   "lazy_static",
2110   "rc2",
2111   "sha1",
2112   "yasna",
2113 ]
```

```
2114
2115 [[package]]
2116 name = "parking"
2117 version = "2.2.0"
2118 source = "registry+https://github.com/rust-lang/crates.io-index"
2119 checksum =
"bb813b8af86854136c6922af0598d719255ecb2179515e6e7730d468f05c9cae"
2120
2121 [[package]]
2122 name = "parking_lot"
2123 version = "0.12.1"
2124 source = "registry+https://github.com/rust-lang/crates.io-index"
2125 checksum =
"3742b2c103b9f06bc9fff0a37ff4912935851bee6d36f3c02bcc755bcfec228f"
2126 dependencies = [
2127   "lock_api",
2128   "parking_lot_core",
2129 ]
2130
2131 [[package]]
2132 name = "parking_lot_core"
2133 version = "0.9.9"
2134 source = "registry+https://github.com/rust-lang/crates.io-index"
2135 checksum =
"4c42a9226546d68acdd9c0a280d17ce19bfe27a46bf68784e4066115788d008e"
2136 dependencies = [
2137   "cfg-if",
2138   "libc",
2139   "redox_syscall",
2140   "smallvec",
2141   "windows-targets 0.48.5",
2142 ]
2143
2144 [[package]]
2145 name = "paste"
2146 version = "1.0.14"
2147 source = "registry+https://github.com/rust-lang/crates.io-index"
2148 checksum =
"de3145af08024dea9fa9914f381a17b8fc6034dfb00f3a84013f7ff43f29ed4c"
2149
2150 [[package]]
2151 name = "pathdiff"
2152 version = "0.2.1"
2153 source = "registry+https://github.com/rust-lang/crates.io-index"
2154 checksum =
"8835116a5c179084a830efb3adc117ab007512b535bc1a21c991d3b32a6b44dd"
2155
2156 [[package]]
2157 name = "pem-rfc7468"
2158 version = "0.7.0"
2159 source = "registry+https://github.com/rust-lang/crates.io-index"
2160 checksum =
"88b39c9bfcfc231068454382784bb460aae594343fb030d46e9f50a645418412"
2161 dependencies = [
2162   "base64ct",
2163 ]
2164
2165 [[package]]
2166 name = "percent-encoding"
2167 version = "2.3.1"
2168 source = "registry+https://github.com/rust-lang/crates.io-index"
```

```
2169 checksum =
"e3148f5046208a5d56bcfc03053e3ca6334e51da8dfb19b6cdc8b306fae3283e"
2170
2171 [[package]]
2172 name = "pest"
2173 version = "2.7.5"
2174 source = "registry+https://github.com/rust-lang/crates.io-index"
2175 checksum =
"ae9cee2a55a544be8b89dc6848072af97a20f2422603c10865be2a42b580fff5"
2176 dependencies = [
2177   "memchr",
2178   "thiserror",
2179   "ucd-trie",
2180 ]
2181
2182 [[package]]
2183 name = "pest_derive"
2184 version = "2.7.5"
2185 source = "registry+https://github.com/rust-lang/crates.io-index"
2186 checksum =
"81d78524685f5ef2a3b3bd1cafbc9fcabb036253d9b1463e726a91cd16e2dfc2"
2187 dependencies = [
2188   "pest",
2189   "pest_generator",
2190 ]
2191
2192 [[package]]
2193 name = "pest_generator"
2194 version = "2.7.5"
2195 source = "registry+https://github.com/rust-lang/crates.io-index"
2196 checksum =
"68bd1206e71118b5356dae5ddc61c8b11e28b09ef6a31acbd15ea48a28e0c227"
2197 dependencies = [
2198   "pest",
2199   "pest_meta",
2200   "proc-macro2",
2201   "quote",
2202   "syn 2.0.41",
2203 ]
2204
2205 [[package]]
2206 name = "pest_meta"
2207 version = "2.7.5"
2208 source = "registry+https://github.com/rust-lang/crates.io-index"
2209 checksum =
"7c747191d4ad9e4a4ab9c8798f1e82a39affe7ef9648390b7e5548d18e099de6"
2210 dependencies = [
2211   "once_cell",
2212   "pest",
2213   "sha2",
2214 ]
2215
2216 [[package]]
2217 name = "pin-project"
2218 version = "1.1.3"
2219 source = "registry+https://github.com/rust-lang/crates.io-index"
2220 checksum =
"fda4ed1c6c173e3fc7a83629421152e01d7b1f9b7f65fb301e490e8cfc656422"
2221 dependencies = [
2222   "pin-project-internal",
2223 ]
```

```
2224
2225 [[package]]
2226 name = "pin-project-internal"
2227 version = "1.1.3"
2228 source = "registry+https://github.com/rust-lang/crates.io-index"
2229 checksum =
"4359fd9c9171ec6e8c62926d6faaf553a8dc3f64e1507e76da7911b4f6a04405"
2230 dependencies = [
2231   "proc-macro2",
2232   "quote",
2233   "syn 2.0.41",
2234 ]
2235
2236 [[package]]
2237 name = "pin-project-lite"
2238 version = "0.2.13"
2239 source = "registry+https://github.com/rust-lang/crates.io-index"
2240 checksum =
"8afb450f006bf6385ca15ef45d71d2288452bc3683ce2e2cacc0d18e4be60b58"
2241
2242 [[package]]
2243 name = "pin-utils"
2244 version = "0.1.0"
2245 source = "registry+https://github.com/rust-lang/crates.io-index"
2246 checksum =
"8b870d8c151b6f2fb93e84a13146138f05d02ed11c7e7c54f8826aaaf7c9f184"
2247
2248 [[package]]
2249 name = "pinky-swear"
2250 version = "6.2.0"
2251 source = "registry+https://github.com/rust-lang/crates.io-index"
2252 checksum =
"6cfae3ead413ca051a681152bd266438d3bfa301c9bdf836939a14c721bb2a21"
2253 dependencies = [
2254   "doc-comment",
2255   "flume 0.11.0",
2256   "parking_lot",
2257   "tracing",
2258 ]
2259
2260 [[package]]
2261 name = "piper"
2262 version = "0.2.1"
2263 source = "registry+https://github.com/rust-lang/crates.io-index"
2264 checksum =
"668d31b1c4eba19242f2088b2bf3316b82ca31082a8335764db4e083db7485d4"
2265 dependencies = [
2266   "atomic-waker",
2267   "fastrand 2.0.1",
2268   "futures-io",
2269 ]
2270
2271 [[package]]
2272 name = "pkcs1"
2273 version = "0.7.5"
2274 source = "registry+https://github.com/rust-lang/crates.io-index"
2275 checksum =
"c8ffb9f10fa047879315e6625af03c164b16962a5368d724ed16323b68ace47f"
2276 dependencies = [
2277   "der",
2278   "pkcs8",
```

```
2279  "spki",
2280 ]
2281
2282 [[package]]
2283 name = "pkcs8"
2284 version = "0.10.2"
2285 source = "registry+https://github.com/rust-lang/crates.io-index"
2286 checksum =
"f950b2377845cebe5cf8b5165cb3cc1a5e0fa5cfa3e1f7f55707d8fd82e0a7b7"
2287 dependencies = [
2288  "der",
2289  "spki",
2290 ]
2291
2292 [[package]]
2293 name = "pkg-config"
2294 version = "0.3.27"
2295 source = "registry+https://github.com/rust-lang/crates.io-index"
2296 checksum =
"26072860ba924cbfa98ea39c8c19b4dd6a4a25423dbdf219c1eca91aa0cf6964"
2297
2298 [[package]]
2299 name = "polling"
2300 version = "2.8.0"
2301 source = "registry+https://github.com/rust-lang/crates.io-index"
2302 checksum =
"4b2d323e8ca7996b3e23126511a523f7e62924d93ecd5ae73b333815b0eb3dce"
2303 dependencies = [
2304  "autocfg",
2305  "bitflags 1.3.2",
2306  "cfg-if",
2307  "concurrent-queue",
2308  "libc",
2309  "log",
2310  "pin-project-lite",
2311  "windows-sys 0.48.0",
2312 ]
2313
2314 [[package]]
2315 name = "polling"
2316 version = "3.3.1"
2317 source = "registry+https://github.com/rust-lang/crates.io-index"
2318 checksum =
"cf63fa624ab313c11656b4cda960bfc46c410187ad493c41f6ba2d8c1e991c9e"
2319 dependencies = [
2320  "cfg-if",
2321  "concurrent-queue",
2322  "pin-project-lite",
2323  "rustix 0.38.28",
2324  "tracing",
2325  "windows-sys 0.52.0",
2326 ]
2327
2328 [[package]]
2329 name = "powerfmt"
2330 version = "0.2.0"
2331 source = "registry+https://github.com/rust-lang/crates.io-index"
2332 checksum =
"439ee305def115ba05938db6eb1644ff94165c5ab5e9420d1c1bcedbba909391"
2333
2334 [[package]]
```

```
2335 name = "ppv-lite86"
2336 version = "0.2.17"
2337 source = "registry+https://github.com/rust-lang/crates.io-index"
2338 checksum =
"5b40af805b3121feab8a3c29f04d8ad262fa8e0561883e7653e024ae4479e6de"
2339
2340 [[package]]
2341 name = "proc-macro-crate"
2342 version = "2.0.1"
2343 source = "registry+https://github.com/rust-lang/crates.io-index"
2344 checksum =
"97dc5fea232fc28d2f597b37c4876b348a40e33f3b02cc975c8d006d78d94b1a"
2345 dependencies = [
2346   "toml_datetime",
2347   "toml_edit",
2348 ]
2349
2350 [[package]]
2351 name = "proc-macro-error"
2352 version = "1.0.4"
2353 source = "registry+https://github.com/rust-lang/crates.io-index"
2354 checksum =
"da25490ff9892aab3fcf7c36f08cfb902dd3e71ca0f9f9517bea02a73a5ce38c"
2355 dependencies = [
2356   "proc-macro-error-attr",
2357   "proc-macro2",
2358   "quote",
2359   "syn 1.0.109",
2360   "version_check",
2361 ]
2362
2363 [[package]]
2364 name = "proc-macro-error-attr"
2365 version = "1.0.4"
2366 source = "registry+https://github.com/rust-lang/crates.io-index"
2367 checksum =
"a1be40180e52ecc98ad80b184934baf3d0d29f979574e439af5a55274b35f869"
2368 dependencies = [
2369   "proc-macro2",
2370   "quote",
2371   "version_check",
2372 ]
2373
2374 [[package]]
2375 name = "proc-macro2"
2376 version = "1.0.70"
2377 source = "registry+https://github.com/rust-lang/crates.io-index"
2378 checksum =
"39278fbbf5fb4f646ce651690877f89d1c5811a3d4acb27700c1cb3cdb78fd3b"
2379 dependencies = [
2380   "unicode-ident",
2381 ]
2382
2383 [[package]]
2384 name = "ptr_meta"
2385 version = "0.1.4"
2386 source = "registry+https://github.com/rust-lang/crates.io-index"
2387 checksum =
"0738ccf7ea06b608c10564b31debd4f5bc5e197fc8bfe088f68ae5ce81e7a4f1"
2388 dependencies = [
2389   "ptr_meta_derive",
```

```
2390 ]
2391
2392 [[package]]
2393 name = "ptr_meta_derive"
2394 version = "0.1.4"
2395 source = "registry+https://github.com/rust-lang/crates.io-index"
2396 checksum =
"16b845dbfca988fa33db069c0e230574d15a3088f147a87b64c7589eb662c9ac"
2397 dependencies = [
2398   "proc-macro2",
2399   "quote",
2400   "syn 1.0.109",
2401 ]
2402
2403 [[package]]
2404 name = "quote"
2405 version = "1.0.33"
2406 source = "registry+https://github.com/rust-lang/crates.io-index"
2407 checksum =
"5267fca4496028628a95160fc423a33e8b2e6af8a5302579e322e4b520293cae"
2408 dependencies = [
2409   "proc-macro2",
2410 ]
2411
2412 [[package]]
2413 name = "radium"
2414 version = "0.7.0"
2415 source = "registry+https://github.com/rust-lang/crates.io-index"
2416 checksum =
"dc33ff2d4973d518d823d61aa239014831e521c75da58e3df4840d3f47749d09"
2417
2418 [[package]]
2419 name = "rand"
2420 version = "0.8.5"
2421 source = "registry+https://github.com/rust-lang/crates.io-index"
2422 checksum =
"34af8d1a0e25924bc5b7c43c079c942339d8f0a8b57c39049bef581b46327404"
2423 dependencies = [
2424   "libc",
2425   "rand_chacha",
2426   "rand_core",
2427 ]
2428
2429 [[package]]
2430 name = "rand_chacha"
2431 version = "0.3.1"
2432 source = "registry+https://github.com/rust-lang/crates.io-index"
2433 checksum =
"e6c10a63a0fa32252be49d21e7709d4d4baf8d231c2dbce1eaa8141b9b127d88"
2434 dependencies = [
2435   "ppv-lite86",
2436   "rand_core",
2437 ]
2438
2439 [[package]]
2440 name = "rand_core"
2441 version = "0.6.4"
2442 source = "registry+https://github.com/rust-lang/crates.io-index"
2443 checksum =
"ec0be4795e2f6a28069bec0b5ff3e2ac9bafc99e6a9a7dc3547996c5c816922c"
2444 dependencies = [
```

```
2445   "getrandom",
2446 ]
2447
2448 [[package]]
2449 name = "rc2"
2450 version = "0.8.1"
2451 source = "registry+https://github.com/rust-lang/crates.io-index"
2452 checksum =
"62c64daa8e9438b84aaae55010a93f396f8e60e3911590fcba770d04643fc1dd"
2453 dependencies = [
2454   "cipher",
2455 ]
2456
2457 [[package]]
2458 name = "reactor-trait"
2459 version = "1.1.0"
2460 source = "registry+https://github.com/rust-lang/crates.io-index"
2461 checksum =
"438a4293e4d097556730f4711998189416232f009c137389e0f961d2bc0ddc58"
2462 dependencies = [
2463   "async-trait",
2464   "futures-core",
2465   "futures-io",
2466 ]
2467
2468 [[package]]
2469 name = "redis"
2470 version = "0.22.3"
2471 source = "registry+https://github.com/rust-lang/crates.io-index"
2472 checksum =
"aa8455fa3621f6b41c514946de66ea0531f57ca017b2e6c7cc368035ea5b46df"
2473 dependencies = [
2474   "arc-swap",
2475   "async-trait",
2476   "bytes",
2477   "combine",
2478   "futures",
2479   "futures-util",
2480   "itoa",
2481   "percent-encoding",
2482   "pin-project-lite",
2483   "ryu",
2484   "sha1_smol",
2485   "tokio",
2486   "tokio-util",
2487   "url",
2488 ]
2489
2490 [[package]]
2491 name = "redox_syscall"
2492 version = "0.4.1"
2493 source = "registry+https://github.com/rust-lang/crates.io-index"
2494 checksum =
"4722d768eff46b75989dd134e5c353f0d6296e5aaa3132e776cbdb56be7731aa"
2495 dependencies = [
2496   "bitflags 1.3.2",
2497 ]
2498
2499 [[package]]
2500 name = "regex-automata"
2501 version = "0.4.3"
```

```
2502 source = "registry+https://github.com/rust-lang/crates.io-index"
2503 checksum =
"5f804c7828047e88b2d32e2d7fe5a105da8ee3264f01902f796c8e067dc2483f"
2504 dependencies = [
2505  "aho-corasick",
2506  "memchr",
2507  "regex-syntax",
2508 ]
2509
2510 [[package]]
2511 name = "regex-syntax"
2512 version = "0.8.2"
2513 source = "registry+https://github.com/rust-lang/crates.io-index"
2514 checksum =
"c08c74e62047bb2de4ff487b251e4a92e24f48745648451635cec7d591162d9f"
2515
2516 [[package]]
2517 name = "rend"
2518 version = "0.4.1"
2519 source = "registry+https://github.com/rust-lang/crates.io-index"
2520 checksum =
"a2571463863a6bd50c32f94402933f03457a3fbaf697a707c5be741e459f08fd"
2521 dependencies = [
2522  "bytecheck",
2523 ]
2524
2525 [[package]]
2526 name = "reqwest"
2527 version = "0.11.23"
2528 source = "registry+https://github.com/rust-lang/crates.io-index"
2529 checksum =
"37b1ae8d9ac08420c66222fb9096fc5de435c3c48542bc5336c51892cffafb41"
2530 dependencies = [
2531  "base64 0.21.5",
2532  "bytes",
2533  "encoding_rs",
2534  "futures-core",
2535  "futures-util",
2536  "h2 0.3.22",
2537  "http 0.2.11",
2538  "http-body 0.4.6",
2539  "hyper 0.14.28",
2540  "hyper-tls",
2541  "ipnet",
2542  "js-sys",
2543  "log",
2544  "mime",
2545  "mime_guess",
2546  "native-tls",
2547  "once_cell",
2548  "percent-encoding",
2549  "pin-project-lite",
2550  "serde",
2551  "serde_json",
2552  "serde_urlencoded",
2553  "system-configuration",
2554  "tokio",
2555  "tokio-native-tls",
2556  "tokio-util",
2557  "tower-service",
2558  "url",
```

```
2559    "wasm-bindgen",
2560    "wasm-bindgen-futures",
2561    "wasm-streams",
2562    "web-sys",
2563    "winreg",
2564  ]
2565
2566  [[package]]
2567  name = "ring"
2568  version = "0.17.7"
2569  source = "registry+https://github.com/rust-lang/crates.io-index"
2570  checksum =
"688c63d65483050968b2a8937f7995f443e27041a0f7700aa59b0822aedebb74"
2571  dependencies = [
2572    "cc",
2573    "getrandom",
2574    "libc",
2575    "spin 0.9.8",
2576    "untrusted",
2577    "windows-sys 0.48.0",
2578  ]
2579
2580  [[package]]
2581  name = "rkyv"
2582  version = "0.7.43"
2583  source = "registry+https://github.com/rust-lang/crates.io-index"
2584  checksum =
"527a97cdfef66f65998b5f3b637c26f5a5ec09cc52a3f9932313ac645f4190f5"
2585  dependencies = [
2586    "bitvec",
2587    "bytecheck",
2588    "bytes",
2589    "hashbrown 0.12.3",
2590    "ptr_meta",
2591    "rend",
2592    "rkyv_derive",
2593    "seahash",
2594    "tinyvec",
2595    "uuid",
2596  ]
2597
2598  [[package]]
2599  name = "rkyv_derive"
2600  version = "0.7.43"
2601  source = "registry+https://github.com/rust-lang/crates.io-index"
2602  checksum =
"b5c462a1328c8e67e4d6dbad1eb0355dd43e8ab432c6e227a43657f16ade5033"
2603  dependencies = [
2604    "proc-macro2",
2605    "quote",
2606    "syn 1.0.109",
2607  ]
2608
2609  [[package]]
2610  name = "ron"
2611  version = "0.7.1"
2612  source = "registry+https://github.com/rust-lang/crates.io-index"
2613  checksum =
"88073939a61e5b7680558e6be56b419e208420c2adb92be54921fa6b72283f1a"
2614  dependencies = [
2615    "base64 0.13.1",
```

```
2616   "bitflags 1.3.2",
2617   "serde",
2618 ]
2619
2620 [[package]]
2621 name = "rsa"
2622 version = "0.9.6"
2623 source = "registry+https://github.com/rust-lang/crates.io-index"
2624 checksum =
"5d0e5124fcb30e76a7e79bfee683a2746db83784b86289f6251b54b7950a0dfc"
2625 dependencies = [
2626   "const-oid",
2627   "digest",
2628   "num-bigint-dig",
2629   "num-integer",
2630   "num-traits",
2631   "pkcs1",
2632   "pkcs8",
2633   "rand_core",
2634   "signature",
2635   "spki",
2636   "subtle",
2637   "zeroize",
2638 ]
2639
2640 [[package]]
2641 name = "rust-ini"
2642 version = "0.18.0"
2643 source = "registry+https://github.com/rust-lang/crates.io-index"
2644 checksum =
"f6d5f2436026b4f6e79dc829837d467cc7e9a55ee40e750d716713540715a2df"
2645 dependencies = [
2646   "cfg-if",
2647   "ordered-multimap",
2648 ]
2649
2650 [[package]]
2651 name = "rust_decimal"
2652 version = "1.33.1"
2653 source = "registry+https://github.com/rust-lang/crates.io-index"
2654 checksum =
"06676aec5ccb8fc1da723cc8c0f9a46549f21ebb8753d3915c6c41db1e7f1dc4"
2655 dependencies = [
2656   "arrayvec",
2657   "borsh",
2658   "bytes",
2659   "num-traits",
2660   "rand",
2661   "rkyv",
2662   "serde",
2663   "serde_json",
2664 ]
2665
2666 [[package]]
2667 name = "rustc-demangle"
2668 version = "0.1.23"
2669 source = "registry+https://github.com/rust-lang/crates.io-index"
2670 checksum =
"d626bb9dae77e28219937af045c257c28bfd3f69333c512553507f5f9798cb76"
2671
2672 [[package]]
```

```
2673 name = "rustix"
2674 version = "0.37.27"
2675 source = "registry+https://github.com/rust-lang/crates.io-index"
2676 checksum =
"fea8ca367a3a01fe35e6943c400addf443c0f57670e6ec51196f71a4b8762dd2"
2677 dependencies = [
2678   "bitflags 1.3.2",
2679   "errno",
2680   "io-lifetimes",
2681   "libc",
2682   "linux-raw-sys 0.3.8",
2683   "windows-sys 0.48.0",
2684 ]
2685
2686 [[package]]
2687 name = "rustix"
2688 version = "0.38.28"
2689 source = "registry+https://github.com/rust-lang/crates.io-index"
2690 checksum =
"72e572a5e8ca657d7366229cdde4bd14c4eb5499a9573d4d366fe1b599daa316"
2691 dependencies = [
2692   "bitflags 2.4.1",
2693   "errno",
2694   "libc",
2695   "linux-raw-sys 0.4.12",
2696   "windows-sys 0.52.0",
2697 ]
2698
2699 [[package]]
2700 name = "rustls"
2701 version = "0.21.10"
2702 source = "registry+https://github.com/rust-lang/crates.io-index"
2703 checksum =
"f9d5a6813c0759e4609cd494e8e725babae6a2ca7b62a5536a13daaec6fcb7ba"
2704 dependencies = [
2705   "log",
2706   "ring",
2707   "rustls-webpki",
2708   "sct",
2709 ]
2710
2711 [[package]]
2712 name = "rustls-connector"
2713 version = "0.18.5"
2714 source = "registry+https://github.com/rust-lang/crates.io-index"
2715 checksum =
"25da151615461c7347114b1ad1a7458b4cdebc69cb220cd140cd5cb324b1dd37"
2716 dependencies = [
2717   "log",
2718   "rustls",
2719   "rustls-native-certs",
2720   "rustls-webpki",
2721 ]
2722
2723 [[package]]
2724 name = "rustls-native-certs"
2725 version = "0.6.3"
2726 source = "registry+https://github.com/rust-lang/crates.io-index"
2727 checksum =
"a9aace74cb666635c918e9c12bc0d348266037aa8eb599b5cba565709a8dff00"
2728 dependencies = [
```

```
2729  "openssl-probe",
2730  "rustls-pemfile",
2731  "schannel",
2732  "security-framework",
2733 ]
2734
2735 [[package]]
2736 name = "rustls-pemfile"
2737 version = "1.0.4"
2738 source = "registry+https://github.com/rust-lang/crates.io-index"
2739 checksum =
"1c74cae0a4cf6ccbbf5f359f08efdf8ee7e1dc532573bf0db71968cb56b1448c"
2740 dependencies = [
2741  "base64 0.21.5",
2742 ]
2743
2744 [[package]]
2745 name = "rustls-webpki"
2746 version = "0.101.7"
2747 source = "registry+https://github.com/rust-lang/crates.io-index"
2748 checksum =
"8b6275d1ee7a1cd780b64aca7726599a1dbc893b1e64144529e55c3c2f745765"
2749 dependencies = [
2750  "ring",
2751  "untrusted",
2752 ]
2753
2754 [[package]]
2755 name = "rustversion"
2756 version = "1.0.14"
2757 source = "registry+https://github.com/rust-lang/crates.io-index"
2758 checksum =
"7ffc183a10b4478d04cbbbfc96d0873219d962dd5accaff2ffbd4ceb7df837f4"
2759
2760 [[package]]
2761 name = "ryu"
2762 version = "1.0.16"
2763 source = "registry+https://github.com/rust-lang/crates.io-index"
2764 checksum =
"f98d2aa92eebf49b69786be48e4477826b256916e84a57ff2a4f21923b48eb4c"
2765
2766 [[package]]
2767 name = "schannel"
2768 version = "0.1.23"
2769 source = "registry+https://github.com/rust-lang/crates.io-index"
2770 checksum =
"fbc91545643bcf3a0bbb6569265615222618bdf33ce4ffbbd13c4bbd4c093534"
2771 dependencies = [
2772  "windows-sys 0.52.0",
2773 ]
2774
2775 [[package]]
2776 name = "scopeguard"
2777 version = "1.2.0"
2778 source = "registry+https://github.com/rust-lang/crates.io-index"
2779 checksum =
"94143f37725109f92c262ed2cf5e59bce7498c01bcc1502d7b9afe439a4e9f49"
2780
2781 [[package]]
2782 name = "sct"
2783 version = "0.7.1"
```

```
2784 source = "registry+https://github.com/rust-lang/crates.io-index"
2785 checksum =
"da046153aa2352493d6cb7da4b6e5c0c057d8a1d0a9aa8560baffdd945acd414"
2786 dependencies = [
2787  "ring",
2788  "untrusted",
2789 ]
2790
2791 [[package]]
2792 name = "sea-query"
2793 version = "0.30.5"
2794 source = "registry+https://github.com/rust-lang/crates.io-index"
2795 checksum =
"e40446e3c048cec0802375f52462a05cc774b9ea6af1dffba6c646b7825e4cf9"
2796 dependencies = [
2797  "bigdecimal",
2798  "chrono",
2799  "inherent",
2800  "ipnetwork",
2801  "mac_address",
2802  "rust_decimal",
2803  "sea-query-attr",
2804  "sea-query-derive",
2805  "serde_json",
2806  "time",
2807  "uuid",
2808 ]
2809
2810 [[package]]
2811 name = "sea-query-attr"
2812 version = "0.1.1"
2813 source = "registry+https://github.com/rust-lang/crates.io-index"
2814 checksum =
"878cf3d57f0e5bfacd425cdaccc58b4c06d68a7b71c63fc28710a20c88676808"
2815 dependencies = [
2816  "darling",
2817  "heck",
2818  "quote",
2819  "syn 1.0.109",
2820 ]
2821
2822 [[package]]
2823 name = "sea-query-binder"
2824 version = "0.5.0"
2825 source = "registry+https://github.com/rust-lang/crates.io-index"
2826 checksum =
"36bbb68df92e820e4d5aeb17b4acd5cc8b5d18b2c36a4dd6f4626aabfa7ab1b9"
2827 dependencies = [
2828  "bigdecimal",
2829  "chrono",
2830  "ipnetwork",
2831  "mac_address",
2832  "rust_decimal",
2833  "sea-query",
2834  "serde_json",
2835  "sqlx",
2836  "time",
2837  "uuid",
2838 ]
2839
2840 [[package]]
```

```
2841 name = "sea-query-derive"
2842 version = "0.4.1"
2843 source = "registry+https://github.com/rust-lang/crates.io-index"
2844 checksum =
"25a82fcb49253abcb45cdcb2adf92956060ec0928635eb21b4f7a6d8f25ab0bc"
2845 dependencies = [
2846   "heck",
2847   "proc-macro2",
2848   "quote",
2849   "syn 2.0.41",
2850   "thiserror",
2851 ]
2852
2853 [[package]]
2854 name = "seahash"
2855 version = "4.1.0"
2856 source = "registry+https://github.com/rust-lang/crates.io-index"
2857 checksum =
"1c107b6f4780854c8b126e228ea8869f4d7b71260f962fefb57b996b8959ba6b"
2858
2859 [[package]]
2860 name = "security-framework"
2861 version = "2.9.2"
2862 source = "registry+https://github.com/rust-lang/crates.io-index"
2863 checksum =
"05b64fb303737d99b81884b2c63433e9ae28abebe5eb5045dcdd175dc2ecf4de"
2864 dependencies = [
2865   "bitflags 1.3.2",
2866   "core-foundation",
2867   "core-foundation-sys",
2868   "libc",
2869   "security-framework-sys",
2870 ]
2871
2872 [[package]]
2873 name = "security-framework-sys"
2874 version = "2.9.1"
2875 source = "registry+https://github.com/rust-lang/crates.io-index"
2876 checksum =
"e932934257d3b408ed8f30db49d85ea163bfe74961f017f405b025af298f0c7a"
2877 dependencies = [
2878   "core-foundation-sys",
2879   "libc",
2880 ]
2881
2882 [[package]]
2883 name = "serde"
2884 version = "1.0.193"
2885 source = "registry+https://github.com/rust-lang/crates.io-index"
2886 checksum =
"25dd9975e68d0cb5aa1120c288333fc98731bd1dd12f561e468ea4728c042b89"
2887 dependencies = [
2888   "serde_derive",
2889 ]
2890
2891 [[package]]
2892 name = "serde_derive"
2893 version = "1.0.193"
2894 source = "registry+https://github.com/rust-lang/crates.io-index"
2895 checksum =
"43576ca501357b9b071ac53cdc7da8ef0cbd9493d8df094cd821777ea6e894d3"
```

```
2896 dependencies = [
2897  "proc-macro2",
2898  "quote",
2899  "syn 2.0.41",
2900 ]
2901
2902 [[package]]
2903 name = "serde_json"
2904 version = "1.0.108"
2905 source = "registry+https://github.com/rust-lang/crates.io-index"
2906 checksum =
"3d1c7e3eac408d115102c4c24ad393e0821bb3a5df4d506a80f85f7a742a526b"
2907 dependencies = [
2908  "itoa",
2909  "ryu",
2910  "serde",
2911 ]
2912
2913 [[package]]
2914 name = "serde_path_to_error"
2915 version = "0.1.14"
2916 source = "registry+https://github.com/rust-lang/crates.io-index"
2917 checksum =
"4beec8bce849d58d06238cb50db2e1c417cfeafa4c63f692b15c82b7c80f8335"
2918 dependencies = [
2919  "itoa",
2920  "serde",
2921 ]
2922
2923 [[package]]
2924 name = "serde_urlencoded"
2925 version = "0.7.1"
2926 source = "registry+https://github.com/rust-lang/crates.io-index"
2927 checksum =
"d3491c14715ca2294c4d6a88f15e84739788c1d030eed8c110436aafdaa2f3fd"
2928 dependencies = [
2929  "form_urlencoded",
2930  "itoa",
2931  "ryu",
2932  "serde",
2933 ]
2934
2935 [[package]]
2936 name = "server"
2937 version = "0.1.0"
2938 dependencies = [
2939  "axum 0.7.2",
2940  "axum-test-helper",
2941  "base64 0.21.5",
2942  "celery 0.5.5",
2943  "config",
2944  "csv",
2945  "http 1.0.0",
2946  "hyper 1.1.0",
2947  "reqwest",
2948  "sea-query",
2949  "sea-query-binder",
2950  "serde",
2951  "serde_derive",
2952  "serde_json",
2953  "sqlx",
```

```
2954   "tokio",
2955   "tower",
2956   "tower-http",
2957   "url",
2958   "utoipa",
2959   "utoipa-redoc",
2960   "uuid",
2961 ]
2962
2963 [[package]]
2964 name = "sha1"
2965 version = "0.10.6"
2966 source = "registry+https://github.com/rust-lang/crates.io-index"
2967 checksum =
"e3bf829a2d51ab4a5ddf1352d8470c140cadc8301b2ae1789db023f01cedd6ba"
2968 dependencies = [
2969   "cfg-if",
2970   "cpufeatures",
2971   "digest",
2972 ]
2973
2974 [[package]]
2975 name = "sha1_smol"
2976 version = "1.0.0"
2977 source = "registry+https://github.com/rust-lang/crates.io-index"
2978 checksum =
"ae1a47186c03a32177042e55dbc5fd5aee900b8e0069a8d70fba96a9375cd012"
2979
2980 [[package]]
2981 name = "sha2"
2982 version = "0.10.8"
2983 source = "registry+https://github.com/rust-lang/crates.io-index"
2984 checksum =
"793db75ad2bcafc3ffa7c68b215fee268f537982cd901d132f89c6343f3a3dc8"
2985 dependencies = [
2986   "cfg-if",
2987   "cpufeatures",
2988   "digest",
2989 ]
2990
2991 [[package]]
2992 name = "signal-hook-registry"
2993 version = "1.4.1"
2994 source = "registry+https://github.com/rust-lang/crates.io-index"
2995 checksum =
"d8229b473baa5980ac72ef434c4415e70c4b5e71b423043adb4ba059f89c99a1"
2996 dependencies = [
2997   "libc",
2998 ]
2999
3000 [[package]]
3001 name = "signature"
3002 version = "2.2.0"
3003 source = "registry+https://github.com/rust-lang/crates.io-index"
3004 checksum =
"77549399552de45a898a580c1b41d445bf730df867cc44e6c0233bbc4b8329de"
3005 dependencies = [
3006   "digest",
3007   "rand_core",
3008 ]
3009
```

```
3010 [[package]]
3011 name = "simdutf8"
3012 version = "0.1.4"
3013 source = "registry+https://github.com/rust-lang/crates.io-index"
3014 checksum =
"f27f6278552951f1f2b8cf9da965d10969b2efdea95a6ec47987ab46edfe263a"
3015
3016 [[package]]
3017 name = "slab"
3018 version = "0.4.9"
3019 source = "registry+https://github.com/rust-lang/crates.io-index"
3020 checksum =
"8f92a496fb766b417c996b9c5e57daf2f7ad3b0bebe1ccfca4856390e3d3bb67"
3021 dependencies = [
3022   "autocfg",
3023 ]
3024
3025 [[package]]
3026 name = "smallvec"
3027 version = "1.11.2"
3028 source = "registry+https://github.com/rust-lang/crates.io-index"
3029 checksum =
"4dccd0940a2dcdf68d092b8cbab7dc0ad8fa938bf95787e1b916b0e3d0e8e970"
3030
3031 [[package]]
3032 name = "socket2"
3033 version = "0.4.10"
3034 source = "registry+https://github.com/rust-lang/crates.io-index"
3035 checksum =
"9f7916fc008ca5542385b89a3d3ce689953c143e9304a9bf8beec1de48994c0d"
3036 dependencies = [
3037   "libc",
3038   "winapi",
3039 ]
3040
3041 [[package]]
3042 name = "socket2"
3043 version = "0.5.5"
3044 source = "registry+https://github.com/rust-lang/crates.io-index"
3045 checksum =
"7b5fac59a5cb5dd637972e5fca70daf0523c9067fcdc4842f053dae04a18f8e9"
3046 dependencies = [
3047   "libc",
3048   "windows-sys 0.48.0",
3049 ]
3050
3051 [[package]]
3052 name = "spin"
3053 version = "0.5.2"
3054 source = "registry+https://github.com/rust-lang/crates.io-index"
3055 checksum =
"6e63cff320ae2c57904679ba7cb63280a3dc4613885beafb148ee7bf9aa9042d"
3056
3057 [[package]]
3058 name = "spin"
3059 version = "0.9.8"
3060 source = "registry+https://github.com/rust-lang/crates.io-index"
3061 checksum =
"6980e8d7511241f8acf4aebddbb1ff938df5eebe98691418c4468d0b72a96a67"
3062 dependencies = [
3063   "lock_api",
```

```
3064 ]
3065
3066 [[package]]
3067 name = "spki"
3068 version = "0.7.3"
3069 source = "registry+https://github.com/rust-lang/crates.io-index"
3070 checksum =
"d91ed6c858b01f942cd56b37a94b3e0a1798290327d1236e4d9cf4eaca44d29d"
3071 dependencies = [
3072   "base64ct",
3073   "der",
3074 ]
3075
3076 [[package]]
3077 name = "sqlformat"
3078 version = "0.2.3"
3079 source = "registry+https://github.com/rust-lang/crates.io-index"
3080 checksum =
"ce81b7bd7c4493975347ef60d8c7e8b742d4694f4c49f93e0a12ea263938176c"
3081 dependencies = [
3082   "itertools",
3083   "nom",
3084   "unicode_categories",
3085 ]
3086
3087 [[package]]
3088 name = "sqlx"
3089 version = "0.7.3"
3090 source = "registry+https://github.com/rust-lang/crates.io-index"
3091 checksum =
"dba03c279da73694ef99763320dea58b51095dfe87d001b1d4b5fe78ba8763cf"
3092 dependencies = [
3093   "sqlx-core",
3094   "sqlx-macros",
3095   "sqlx-mysql",
3096   "sqlx-postgres",
3097   "sqlx-sqlite",
3098 ]
3099
3100 [[package]]
3101 name = "sqlx-core"
3102 version = "0.7.3"
3103 source = "registry+https://github.com/rust-lang/crates.io-index"
3104 checksum =
"d84b0a3c3739e220d94b3239fd69fb1f74bc36e16643423bd99de3b43c21bfbd"
3105 dependencies = [
3106   "ahash 0.8.6",
3107   "atoi",
3108   "bigdecimal",
3109   "byteorder",
3110   "bytes",
3111   "chrono",
3112   "crc",
3113   "crossbeam-queue",
3114   "dotenvy",
3115   "either",
3116   "event-listener 2.5.3",
3117   "futures-channel",
3118   "futures-core",
3119   "futures-intrusive",
3120   "futures-io",
```

```
3121    "futures-util",
3122    "hashlink",
3123    "hex",
3124    "indexmap",
3125    "ipnetwork",
3126    "log",
3127    "mac_address",
3128    "memchr",
3129    "once_cell",
3130    "paste",
3131    "percent-encoding",
3132    "rust_decimal",
3133    "rustls",
3134    "rustls-pemfile",
3135    "serde",
3136    "serde_json",
3137    "sha2",
3138    "smallvec",
3139    "sqlformat",
3140    "thiserror",
3141    "time",
3142    "tokio",
3143    "tokio-stream",
3144    "tracing",
3145    "url",
3146    "uuid",
3147    "webpki-roots",
3148 ]
3149
3150 [[package]]
3151 name = "sqlx-macros"
3152 version = "0.7.3"
3153 source = "registry+https://github.com/rust-lang/crates.io-index"
3154 checksum =
"89961c00dc4d7dffb7aee214964b065072bff69e36ddb9e2c107541f75e4f2a5"
3155 dependencies = [
3156    "proc-macro2",
3157    "quote",
3158    "sqlx-core",
3159    "sqlx-macros-core",
3160    "syn 1.0.109",
3161 ]
3162
3163 [[package]]
3164 name = "sqlx-macros-core"
3165 version = "0.7.3"
3166 source = "registry+https://github.com/rust-lang/crates.io-index"
3167 checksum =
"d0bd4519486723648186a08785143599760f7cc81c52334a55d6a83ea1e20841"
3168 dependencies = [
3169    "atomic-write-file",
3170    "dotenvy",
3171    "either",
3172    "heck",
3173    "hex",
3174    "once_cell",
3175    "proc-macro2",
3176    "quote",
3177    "serde",
3178    "serde_json",
3179    "sha2",
```

```
3180   "sqlx-core",
3181   "sqlx-mysql",
3182   "sqlx-postgres",
3183   "sqlx-sqlite",
3184   "syn 1.0.109",
3185   "tempfile",
3186   "tokio",
3187   "url",
3188 ]
3189
3190 [[package]]
3191 name = "sqlx-mysql"
3192 version = "0.7.3"
3193 source = "registry+https://github.com/rust-lang/crates.io-index"
3194 checksum =
"e37195395df71fd068f6e2082247891bc11e3289624bbc776a0cdfa1ca7f1ea4"
3195 dependencies = [
3196   "atoi",
3197   "base64 0.21.5",
3198   "bigdecimal",
3199   "bitflags 2.4.1",
3200   "byteorder",
3201   "bytes",
3202   "chrono",
3203   "crc",
3204   "digest",
3205   "dotenvy",
3206   "either",
3207   "futures-channel",
3208   "futures-core",
3209   "futures-io",
3210   "futures-util",
3211   "generic-array",
3212   "hex",
3213   "hkdf",
3214   "hmac",
3215   "itoa",
3216   "log",
3217   "md-5",
3218   "memchr",
3219   "once_cell",
3220   "percent-encoding",
3221   "rand",
3222   "rsa",
3223   "rust_decimal",
3224   "serde",
3225   "sha1",
3226   "sha2",
3227   "smallvec",
3228   "sqlx-core",
3229   "stringprep",
3230   "thiserror",
3231   "time",
3232   "tracing",
3233   "uuid",
3234   "whoami",
3235 ]
3236
3237 [[package]]
3238 name = "sqlx-postgres"
3239 version = "0.7.3"
```

```
3240 source = "registry+https://github.com/rust-lang/crates.io-index"
3241 checksum =
"d6ac0ac3b7ccd10cc96c7ab29791a7dd236bd94021f31eec7ba3d46a74aa1c24"
3242 dependencies = [
3243   "atoi",
3244   "base64 0.21.5",
3245   "bigdecimal",
3246   "bitflags 2.4.1",
3247   "byteorder",
3248   "chrono",
3249   "crc",
3250   "dotenvy",
3251   "etcetera",
3252   "futures-channel",
3253   "futures-core",
3254   "futures-io",
3255   "futures-util",
3256   "hex",
3257   "hkdf",
3258   "hmac",
3259   "home",
3260   "ipnetwork",
3261   "itoa",
3262   "log",
3263   "mac_address",
3264   "md-5",
3265   "memchr",
3266   "num-bigint",
3267   "once_cell",
3268   "rand",
3269   "rust_decimal",
3270   "serde",
3271   "serde_json",
3272   "sha1",
3273   "sha2",
3274   "smallvec",
3275   "sqlx-core",
3276   "stringprep",
3277   "thiserror",
3278   "time",
3279   "tracing",
3280   "uuid",
3281   "whoami",
3282 ]
3283
3284 [[package]]
3285 name = "sqlx-sqlite"
3286 version = "0.7.3"
3287 source = "registry+https://github.com/rust-lang/crates.io-index"
3288 checksum =
"210976b7d948c7ba9fced8ca835b11cbb2d677c59c79de41ac0d397e14547490"
3289 dependencies = [
3290   "atoi",
3291   "chrono",
3292   "flume 0.11.0",
3293   "futures-channel",
3294   "futures-core",
3295   "futures-executor",
3296   "futures-intrusive",
3297   "futures-util",
3298   "libsqlite3-sys",
```

```
3299  "log",
3300  "percent-encoding",
3301  "serde",
3302  "sqlx-core",
3303  "time",
3304  "tracing",
3305  "url",
3306  "urlencoding",
3307  "uuid",
3308 ]
3309
3310 [[package]]
3311 name = "stringprep"
3312 version = "0.1.4"
3313 source = "registry+https://github.com/rust-lang/crates.io-index"
3314 checksum =
"bb41d74e231a107a1b4ee36bd1214b11285b77768d2e3824aedafa988fd36ee6"
3315 dependencies = [
3316  "finl_unicode",
3317  "unicode-bidi",
3318  "unicode-normalization",
3319 ]
3320
3321 [[package]]
3322 name = "strsim"
3323 version = "0.10.0"
3324 source = "registry+https://github.com/rust-lang/crates.io-index"
3325 checksum =
"73473c0e59e6d5812c5dfe2a064a6444949f089e20eec9a2e5506596494e4623"
3326
3327 [[package]]
3328 name = "subtle"
3329 version = "2.5.0"
3330 source = "registry+https://github.com/rust-lang/crates.io-index"
3331 checksum =
"81cdd64d312baedb58e21336b31bc043b77e01cc99033ce76ef539f78e965ebc"
3332
3333 [[package]]
3334 name = "syn"
3335 version = "1.0.109"
3336 source = "registry+https://github.com/rust-lang/crates.io-index"
3337 checksum =
"72b64191b275b66ffe2469e8af2c1cfe3bafa67b529ead792a6d0160888b4237"
3338 dependencies = [
3339  "proc-macro2",
3340  "quote",
3341  "unicode-ident",
3342 ]
3343
3344 [[package]]
3345 name = "syn"
3346 version = "2.0.41"
3347 source = "registry+https://github.com/rust-lang/crates.io-index"
3348 checksum =
"44c8b28c477cc3bf0e7966561e3460130e1255f7a1cf71931075f1c5e7a7e269"
3349 dependencies = [
3350  "proc-macro2",
3351  "quote",
3352  "unicode-ident",
3353 ]
3354
```

```
3355 [[package]]
3356 name = "syn_derive"
3357 version = "0.1.8"
3358 source = "registry+https://github.com/rust-lang/crates.io-index"
3359 checksum =
"1329189c02ff984e9736652b1631330da25eaa6bc639089ed4915d25446cbe7b"
3360 dependencies = [
3361   "proc-macro-error",
3362   "proc-macro2",
3363   "quote",
3364   "syn 2.0.41",
3365 ]
3366
3367 [[package]]
3368 name = "sync_wrapper"
3369 version = "0.1.2"
3370 source = "registry+https://github.com/rust-lang/crates.io-index"
3371 checksum =
"2047c6ded9c721764247e62cd3b03c09ffc529b2ba5b10ec482ae507a4a70160"
3372
3373 [[package]]
3374 name = "synstructure"
3375 version = "0.12.6"
3376 source = "registry+https://github.com/rust-lang/crates.io-index"
3377 checksum =
"f36bdaa60a83aca3921b5259d5400cbf5e90fc51931376a9bd4a0eb79aa7210f"
3378 dependencies = [
3379   "proc-macro2",
3380   "quote",
3381   "syn 1.0.109",
3382   "unicode-xid",
3383 ]
3384
3385 [[package]]
3386 name = "system-configuration"
3387 version = "0.5.1"
3388 source = "registry+https://github.com/rust-lang/crates.io-index"
3389 checksum =
"ba3a3adc5c275d719af8cb4272ea1c4a6d668a777f37e115f6d11ddbc1c8e0e7"
3390 dependencies = [
3391   "bitflags 1.3.2",
3392   "core-foundation",
3393   "system-configuration-sys",
3394 ]
3395
3396 [[package]]
3397 name = "system-configuration-sys"
3398 version = "0.5.0"
3399 source = "registry+https://github.com/rust-lang/crates.io-index"
3400 checksum =
"a75fb188eb626b924683e3b95e3a48e63551fcfb51949de2f06a9d91dbee93c9"
3401 dependencies = [
3402   "core-foundation-sys",
3403   "libc",
3404 ]
3405
3406 [[package]]
3407 name = "tap"
3408 version = "1.0.1"
3409 source = "registry+https://github.com/rust-lang/crates.io-index"
3410 checksum =
```

```
"55937e1799185b12863d447f42597ed69d9928686b8d88a1df17376a097d8369"
3411
3412 [[package]]
3413 name = "tcp-stream"
3414 version = "0.26.1"
3415 source = "registry+https://github.com/rust-lang/crates.io-index"
3416 checksum =
"4da30af7998f51ee1aa48ab24276fe303a697b004e31ff542b192c088d5630a5"
3417 dependencies = [
3418   "cfg-if",
3419   "p12",
3420   "rustls-connector",
3421   "rustls-pemfile",
3422 ]
3423
3424 [[package]]
3425 name = "tempfile"
3426 version = "3.8.1"
3427 source = "registry+https://github.com/rust-lang/crates.io-index"
3428 checksum =
"7ef1adac450ad7f4b3c28589471ade84f25f731a7a0fe30d71dfa9f60fd808e5"
3429 dependencies = [
3430   "cfg-if",
3431   "fastrand 2.0.1",
3432   "redox_syscall",
3433   "rustix 0.38.28",
3434   "windows-sys 0.48.0",
3435 ]
3436
3437 [[package]]
3438 name = "thiserror"
3439 version = "1.0.51"
3440 source = "registry+https://github.com/rust-lang/crates.io-index"
3441 checksum =
"f11c217e1416d6f036b870f14e0413d480dbf28edbee1f877abaf0206af43bb7"
3442 dependencies = [
3443   "thiserror-impl",
3444 ]
3445
3446 [[package]]
3447 name = "thiserror-impl"
3448 version = "1.0.51"
3449 source = "registry+https://github.com/rust-lang/crates.io-index"
3450 checksum =
"01742297787513b79cf8e29d1056ede1313e2420b7b3b15d0a768b4921f549df"
3451 dependencies = [
3452   "proc-macro2",
3453   "quote",
3454   "syn 2.0.41",
3455 ]
3456
3457 [[package]]
3458 name = "time"
3459 version = "0.3.31"
3460 source = "registry+https://github.com/rust-lang/crates.io-index"
3461 checksum =
"f657ba42c3f86e7680e53c8cd3af8abbe56b5491790b46e22e19c0d57463583e"
3462 dependencies = [
3463   "deranged",
3464   "itoa",
3465   "powerfmt",
```

```
3466   "serde",
3467   "time-core",
3468   "time-macros",
3469 ]
3470
3471 [[package]]
3472 name = "time-core"
3473 version = "0.1.2"
3474 source = "registry+https://github.com/rust-lang/crates.io-index"
3475 checksum =
"ef927ca75afb808a4d64dd374f00a2adf8d0fcff8e7b184af886c3c87ec4a3f3"
3476
3477 [[package]]
3478 name = "time-macros"
3479 version = "0.2.16"
3480 source = "registry+https://github.com/rust-lang/crates.io-index"
3481 checksum =
"26197e33420244aeb70c3e8c78376ca46571bc4e701e4791c2cd9f57dcb3a43f"
3482 dependencies = [
3483   "time-core",
3484 ]
3485
3486 [[package]]
3487 name = "tinyvec"
3488 version = "1.6.0"
3489 source = "registry+https://github.com/rust-lang/crates.io-index"
3490 checksum =
"87cc5ceb3875bb20c2890005a4e226a4651264a5c75edb2421b52861a0a0cb50"
3491 dependencies = [
3492   "tinyvec_macros",
3493 ]
3494
3495 [[package]]
3496 name = "tinyvec_macros"
3497 version = "0.1.1"
3498 source = "registry+https://github.com/rust-lang/crates.io-index"
3499 checksum =
"1f3ccbac311fea05f86f61904b462b55fb3df8837a366dfc601a0161d0532f20"
3500
3501 [[package]]
3502 name = "tokio"
3503 version = "1.35.0"
3504 source = "registry+https://github.com/rust-lang/crates.io-index"
3505 checksum =
"841d45b238a16291a4e1584e61820b8ae57d696cc5015c459c229ccc6990cc1c"
3506 dependencies = [
3507   "backtrace",
3508   "bytes",
3509   "libc",
3510   "mio",
3511   "num_cpus",
3512   "parking_lot",
3513   "pin-project-lite",
3514   "signal-hook-registry",
3515   "socket2 0.5.5",
3516   "tokio-macros",
3517   "tracing",
3518   "windows-sys 0.48.0",
3519 ]
3520
3521 [[package]]
```

```
3522 name = "tokio-executor-trait"
3523 version = "2.1.1"
3524 source = "registry+https://github.com/rust-lang/crates.io-index"
3525 checksum =
"802ccf58e108fe16561f35348fabe15ff38218968f033d587e399a84937533cc"
3526 dependencies = [
3527  "async-trait",
3528  "executor-trait",
3529  "tokio",
3530 ]
3531
3532 [[package]]
3533 name = "tokio-macros"
3534 version = "2.2.0"
3535 source = "registry+https://github.com/rust-lang/crates.io-index"
3536 checksum =
"5b8a1e28f2deaa14e508979454cb3a223b10b938b45af148bc0986de36f1923b"
3537 dependencies = [
3538  "proc-macro2",
3539  "quote",
3540  "syn 2.0.41",
3541 ]
3542
3543 [[package]]
3544 name = "tokio-native-tls"
3545 version = "0.3.1"
3546 source = "registry+https://github.com/rust-lang/crates.io-index"
3547 checksum =
"bbae76ab933c85776efabc971569dd6119c580d8f5d448769dec1764bf796ef2"
3548 dependencies = [
3549  "native-tls",
3550  "tokio",
3551 ]
3552
3553 [[package]]
3554 name = "tokio-reactor-trait"
3555 version = "1.1.0"
3556 source = "registry+https://github.com/rust-lang/crates.io-index"
3557 checksum =
"e9481a72f36bd9cbb8d6dd349227c4783e234e4332cfe806225bc929c4b92486"
3558 dependencies = [
3559  "async-trait",
3560  "futures-core",
3561  "futures-io",
3562  "reactor-trait",
3563  "tokio",
3564  "tokio-stream",
3565 ]
3566
3567 [[package]]
3568 name = "tokio-stream"
3569 version = "0.1.14"
3570 source = "registry+https://github.com/rust-lang/crates.io-index"
3571 checksum =
"397c988d37662c7dda6d2208364a706264bf3d6138b11d436cbac0ad38832842"
3572 dependencies = [
3573  "futures-core",
3574  "pin-project-lite",
3575  "tokio",
3576 ]
3577
```

```
3578 [[package]]
3579 name = "tokio-util"
3580 version = "0.7.10"
3581 source = "registry+https://github.com/rust-lang/crates.io-index"
3582 checksum =
"5419f34732d9eb6ee4c3578b7989078579b7f039cbbb9ca2c4da015749371e15"
3583 dependencies = [
3584  "bytes",
3585  "futures-core",
3586  "futures-sink",
3587  "pin-project-lite",
3588  "tokio",
3589  "tracing",
3590 ]
3591
3592 [[package]]
3593 name = "toml"
3594 version = "0.5.11"
3595 source = "registry+https://github.com/rust-lang/crates.io-index"
3596 checksum =
"f4f7f0dd8d50a853a531c426359045b1998f04219d88799810762cd4ad314234"
3597 dependencies = [
3598  "serde",
3599 ]
3600
3601 [[package]]
3602 name = "toml_datetime"
3603 version = "0.6.3"
3604 source = "registry+https://github.com/rust-lang/crates.io-index"
3605 checksum =
"7cda73e2f1397b1262d6dfdcef8aafae14d1de7748d66822d3bfeeb6d03e5e4b"
3606
3607 [[package]]
3608 name = "toml_edit"
3609 version = "0.20.2"
3610 source = "registry+https://github.com/rust-lang/crates.io-index"
3611 checksum =
"396e4d48bbb2b7554c944bde63101b5ae446cff6ec4a24227428f15eb72ef338"
3612 dependencies = [
3613  "indexmap",
3614  "toml_datetime",
3615  "winnow",
3616 ]
3617
3618 [[package]]
3619 name = "tower"
3620 version = "0.4.13"
3621 source = "registry+https://github.com/rust-lang/crates.io-index"
3622 checksum =
"b8fa9be0de6cf49e536ce1851f987bd21a43b771b09473c3549a6c853db37c1c"
3623 dependencies = [
3624  "futures-core",
3625  "futures-util",
3626  "pin-project",
3627  "pin-project-lite",
3628  "tokio",
3629  "tower-layer",
3630  "tower-service",
3631  "tracing",
3632 ]
3633
```

```
3634 [[package]]
3635 name = "tower-http"
3636 version = "0.5.0"
3637 source = "registry+https://github.com/rust-lang/crates.io-index"
3638 checksum =
"09e12e6351354851911bdf8c2b8f2ab15050c567d70a8b9a37ae7b8301a4080d"
3639 dependencies = [
3640   "bitflags 2.4.1",
3641   "bytes",
3642   "futures-util",
3643   "http 1.0.0",
3644   "http-body 1.0.0",
3645   "http-body-util",
3646   "pin-project-lite",
3647   "tower-layer",
3648   "tower-service",
3649   "tracing",
3650   "uuid",
3651 ]
3652
3653 [[package]]
3654 name = "tower-layer"
3655 version = "0.3.2"
3656 source = "registry+https://github.com/rust-lang/crates.io-index"
3657 checksum =
"c20c8dbed6283a09604c3e69b4b7eeb54e298b8a600d4d5ecb5ad39de609f1d0"
3658
3659 [[package]]
3660 name = "tower-service"
3661 version = "0.3.2"
3662 source = "registry+https://github.com/rust-lang/crates.io-index"
3663 checksum =
"b6bc1c9ce2b5135ac7f93c72918fc37feb872bdc6a5533a8b85eb4b86bfdae52"
3664
3665 [[package]]
3666 name = "tracing"
3667 version = "0.1.40"
3668 source = "registry+https://github.com/rust-lang/crates.io-index"
3669 checksum =
"c3523ab5a71916ccf420eebdf5521fcef02141234bbc0b8a49f2fdc4544364ef"
3670 dependencies = [
3671   "log",
3672   "pin-project-lite",
3673   "tracing-attributes",
3674   "tracing-core",
3675 ]
3676
3677 [[package]]
3678 name = "tracing-attributes"
3679 version = "0.1.27"
3680 source = "registry+https://github.com/rust-lang/crates.io-index"
3681 checksum =
"34704c8d6ebcbc939824180af020566b01a7c01f80641264eba0999f6c2b6be7"
3682 dependencies = [
3683   "proc-macro2",
3684   "quote",
3685   "syn 2.0.41",
3686 ]
3687
3688 [[package]]
3689 name = "tracing-core"
```

```
3690 version = "0.1.32"
3691 source = "registry+https://github.com/rust-lang/crates.io-index"
3692 checksum =
"c06d3da6113f116aaee68e4d601191614c9053067f9ab7f6edbcb161237daa54"
3693 dependencies = [
3694  "once_cell",
3695 ]
3696
3697 [[package]]
3698 name = "try-lock"
3699 version = "0.2.5"
3700 source = "registry+https://github.com/rust-lang/crates.io-index"
3701 checksum =
"e421abadd41a4225275504ea4d6566923418b7f05506fbc9c0fe86ba7396114b"
3702
3703 [[package]]
3704 name = "typenum"
3705 version = "1.17.0"
3706 source = "registry+https://github.com/rust-lang/crates.io-index"
3707 checksum =
"42ff0bf0c66b8238c6f3b578df37d0b7848e55df8577b3f74f92a69acceeb825"
3708
3709 [[package]]
3710 name = "ucd-trie"
3711 version = "0.1.6"
3712 source = "registry+https://github.com/rust-lang/crates.io-index"
3713 checksum =
"ed646292ffc8188ef8ea4d1e0e0150fb15a5c2e12ad9b8fc191ae7a8a7f3c4b9"
3714
3715 [[package]]
3716 name = "unicase"
3717 version = "2.7.0"
3718 source = "registry+https://github.com/rust-lang/crates.io-index"
3719 checksum =
"f7d2d4dafb69621809a81864c9c1b864479e1235c0dd4e199924b9742439ed89"
3720 dependencies = [
3721  "version_check",
3722 ]
3723
3724 [[package]]
3725 name = "unicode-bidi"
3726 version = "0.3.14"
3727 source = "registry+https://github.com/rust-lang/crates.io-index"
3728 checksum =
"6f2528f27a9eb2b21e69c95319b30bd0efd85d09c379741b0f78ea1d86be2416"
3729
3730 [[package]]
3731 name = "unicode-ident"
3732 version = "1.0.12"
3733 source = "registry+https://github.com/rust-lang/crates.io-index"
3734 checksum =
"3354b9ac3fae1ff6755cb6db53683adb661634f67557942dea4facebec0fee4b"
3735
3736 [[package]]
3737 name = "unicode-normalization"
3738 version = "0.1.22"
3739 source = "registry+https://github.com/rust-lang/crates.io-index"
3740 checksum =
"5c5713f0fc4b5db668a2ac63cdb7bb4469d8c9fed047b1d0292cc7b0ce2ba921"
3741 dependencies = [
3742  "tinyvec",
```

```
3743 ]
3744
3745 [[package]]
3746 name = "unicode-segmentation"
3747 version = "1.10.1"
3748 source = "registry+https://github.com/rust-lang/crates.io-index"
3749 checksum =
"1dd624098567895118886609431a7c3b8f516e41d30e0643f03d94592a147e36"
3750
3751 [[package]]
3752 name = "unicode-xid"
3753 version = "0.2.4"
3754 source = "registry+https://github.com/rust-lang/crates.io-index"
3755 checksum =
"f962df74c8c05a667b5ee8bcf162993134c104e96440b663c8daa176dc772d8c"
3756
3757 [[package]]
3758 name = "unicode_categories"
3759 version = "0.1.1"
3760 source = "registry+https://github.com/rust-lang/crates.io-index"
3761 checksum =
"39ec24b3121d976906ece63c9daad25b85969647682eee313cb5779fdd69e14e"
3762
3763 [[package]]
3764 name = "untrusted"
3765 version = "0.9.0"
3766 source = "registry+https://github.com/rust-lang/crates.io-index"
3767 checksum =
"8ecb6da28b8a351d773b68d5825ac39017e680750f980f3a1a85cd8dd28a47c1"
3768
3769 [[package]]
3770 name = "url"
3771 version = "2.5.0"
3772 source = "registry+https://github.com/rust-lang/crates.io-index"
3773 checksum =
"31e6302e3bb753d46e83516cae55ae196fc0c309407cf11ab35cc51a4c2a4633"
3774 dependencies = [
3775  "form_urlencoded",
3776  "idna",
3777  "percent-encoding",
3778 ]
3779
3780 [[package]]
3781 name = "urlencoding"
3782 version = "2.1.3"
3783 source = "registry+https://github.com/rust-lang/crates.io-index"
3784 checksum =
"daf8dba3b7eb870caf1ddeed7bc9d2a049f3cfdfae7cb521b087cc33ae4c49da"
3785
3786 [[package]]
3787 name = "utoipa"
3788 version = "4.1.0"
3789 source = "registry+https://github.com/rust-lang/crates.io-index"
3790 checksum =
"0ff05e3bac2c9428f57ade702667753ca3f5cf085e2011fe697de5bfd49aa72d"
3791 dependencies = [
3792  "indexmap",
3793  "serde",
3794  "serde_json",
3795  "utoipa-gen",
3796 ]
```

```
3797
3798 [[package]]
3799 name = "utoipa-gen"
3800 version = "4.1.0"
3801 source = "registry+https://github.com/rust-lang/crates.io-index"
3802 checksum =
"5f0b6f4667edd64be0e820d6631a60433a269710b6ee89ac39525b872b76d61d"
3803 dependencies = [
3804   "proc-macro-error",
3805   "proc-macro2",
3806   "quote",
3807   "syn 2.0.41",
3808 ]
3809
3810 [[package]]
3811 name = "utoipa-redoc"
3812 version = "2.0.0"
3813 source = "registry+https://github.com/rust-lang/crates.io-index"
3814 checksum =
"01520ff2511e54c069eda8e93569fff9893b2548c53c1357655292f47ef6782f"
3815 dependencies = [
3816   "axum 0.7.2",
3817   "serde",
3818   "serde_json",
3819   "utoipa",
3820 ]
3821
3822 [[package]]
3823 name = "uuid"
3824 version = "1.6.1"
3825 source = "registry+https://github.com/rust-lang/crates.io-index"
3826 checksum =
"5e395fcf16a7a3d8127ec99782007af141946b4795001f876d54fb0d55978560"
3827 dependencies = [
3828   "getrandom",
3829   "serde",
3830 ]
3831
3832 [[package]]
3833 name = "vcpkg"
3834 version = "0.2.15"
3835 source = "registry+https://github.com/rust-lang/crates.io-index"
3836 checksum =
"accd4ea62f7bb7a82fe23066fb0957d48ef677f6eeb8215f372f52e48bb32426"
3837
3838 [[package]]
3839 name = "version_check"
3840 version = "0.9.4"
3841 source = "registry+https://github.com/rust-lang/crates.io-index"
3842 checksum =
"49874b5167b65d7193b8aba1567f5c7d93d001cafc34600cee003eda787e483f"
3843
3844 [[package]]
3845 name = "waker-fn"
3846 version = "1.1.1"
3847 source = "registry+https://github.com/rust-lang/crates.io-index"
3848 checksum =
"f3c4517f54858c779bbcbf228f4fca63d121bf85fbecb2dc578cdf4a39395690"
3849
3850 [[package]]
3851 name = "want"
```

```
3852 version = "0.3.1"
3853 source = "registry+https://github.com/rust-lang/crates.io-index"
3854 checksum =
"bfa7760aed19e106de2c7c0b581b509f2f25d3dacaf737cb82ac61bc6d760b0e"
3855 dependencies = [
3856   "try-lock",
3857 ]
3858
3859 [[package]]
3860 name = "wasi"
3861 version = "0.11.0+wasi-snapshot-preview1"
3862 source = "registry+https://github.com/rust-lang/crates.io-index"
3863 checksum =
"9c8d87e72b64a3b4db28d11ce29237c246188f4f51057d65a7eab63b7987e423"
3864
3865 [[package]]
3866 name = "wasm-bindgen"
3867 version = "0.2.89"
3868 source = "registry+https://github.com/rust-lang/crates.io-index"
3869 checksum =
"0ed0d4f68a3015cc185aff4db9506a015f4b96f95303897bfa23f846db54064e"
3870 dependencies = [
3871   "cfg-if",
3872   "wasm-bindgen-macro",
3873 ]
3874
3875 [[package]]
3876 name = "wasm-bindgen-backend"
3877 version = "0.2.89"
3878 source = "registry+https://github.com/rust-lang/crates.io-index"
3879 checksum =
"1b56f625e64f3a1084ded111c4d5f477df9f8c92df113852fa5a374dbda78826"
3880 dependencies = [
3881   "bumpalo",
3882   "log",
3883   "once_cell",
3884   "proc-macro2",
3885   "quote",
3886   "syn 2.0.41",
3887   "wasm-bindgen-shared",
3888 ]
3889
3890 [[package]]
3891 name = "wasm-bindgen-futures"
3892 version = "0.4.39"
3893 source = "registry+https://github.com/rust-lang/crates.io-index"
3894 checksum =
"ac36a15a220124ac510204aec1c3e5db8a22ab06fd6706d881dc6149f8ed9a12"
3895 dependencies = [
3896   "cfg-if",
3897   "js-sys",
3898   "wasm-bindgen",
3899   "web-sys",
3900 ]
3901
3902 [[package]]
3903 name = "wasm-bindgen-macro"
3904 version = "0.2.89"
3905 source = "registry+https://github.com/rust-lang/crates.io-index"
3906 checksum =
"0162dbf37223cd2afce98f3d0785506dcb8d266223983e4b5b525859e6e182b2"
```

```
3907 dependencies = [
3908   "quote",
3909   "wasm-bindgen-macro-support",
3910 ]
3911
3912 [[package]]
3913 name = "wasm-bindgen-macro-support"
3914 version = "0.2.89"
3915 source = "registry+https://github.com/rust-lang/crates.io-index"
3916 checksum =
"f0eb82fcb7930ae6219a7ecfd55b217f5f0893484b7a13022ebb2b2bf20b5283"
3917 dependencies = [
3918   "proc-macro2",
3919   "quote",
3920   "syn 2.0.41",
3921   "wasm-bindgen-backend",
3922   "wasm-bindgen-shared",
3923 ]
3924
3925 [[package]]
3926 name = "wasm-bindgen-shared"
3927 version = "0.2.89"
3928 source = "registry+https://github.com/rust-lang/crates.io-index"
3929 checksum =
"7ab9b36309365056cd639da3134bf87fa8f3d86008abf99e612384a6eecd459f"
3930
3931 [[package]]
3932 name = "wasm-streams"
3933 version = "0.3.0"
3934 source = "registry+https://github.com/rust-lang/crates.io-index"
3935 checksum =
"b4609d447824375f43e1ffbc051b50ad8f4b3ae8219680c94452ea05eb240ac7"
3936 dependencies = [
3937   "futures-util",
3938   "js-sys",
3939   "wasm-bindgen",
3940   "wasm-bindgen-futures",
3941   "web-sys",
3942 ]
3943
3944 [[package]]
3945 name = "web-sys"
3946 version = "0.3.66"
3947 source = "registry+https://github.com/rust-lang/crates.io-index"
3948 checksum =
"50c24a44ec86bb68fbecd1b3efed7e85ea5621b39b35ef2766b66cd984f8010f"
3949 dependencies = [
3950   "js-sys",
3951   "wasm-bindgen",
3952 ]
3953
3954 [[package]]
3955 name = "webpki-roots"
3956 version = "0.25.3"
3957 source = "registry+https://github.com/rust-lang/crates.io-index"
3958 checksum =
"1778a42e8b3b90bff8d0f5032bf22250792889a5cdc752aa0020c84abe3aaf10"
3959
3960 [[package]]
3961 name = "whoami"
3962 version = "1.4.1"
```

```
3963 source = "registry+https://github.com/rust-lang/crates.io-index"
3964 checksum =
"22fc3756b8a9133049b26c7f61ab35416c130e8c09b660f5b3958b446f52cc50"
3965
3966 [[package]]
3967 name = "winapi"
3968 version = "0.3.9"
3969 source = "registry+https://github.com/rust-lang/crates.io-index"
3970 checksum =
"5c839a674fcd7a98952e593242ea400abe93992746761e38641405d28b00f419"
3971 dependencies = [
3972  "winapi-i686-pc-windows-gnu",
3973  "winapi-x86_64-pc-windows-gnu",
3974 ]
3975
3976 [[package]]
3977 name = "winapi-i686-pc-windows-gnu"
3978 version = "0.4.0"
3979 source = "registry+https://github.com/rust-lang/crates.io-index"
3980 checksum =
"ac3b87c63620426dd9b991e5ce0329eff545bccbbb34f3be09ff6fb6ab51b7b6"
3981
3982 [[package]]
3983 name = "winapi-x86_64-pc-windows-gnu"
3984 version = "0.4.0"
3985 source = "registry+https://github.com/rust-lang/crates.io-index"
3986 checksum =
"712e227841d057c1ee1cd2fb22fa7e5a5461ae8e48fa2ca79ec42cfc1931183f"
3987
3988 [[package]]
3989 name = "windows-core"
3990 version = "0.51.1"
3991 source = "registry+https://github.com/rust-lang/crates.io-index"
3992 checksum =
"f1f8cf84f35d2db49a46868f947758c7a1138116f7fac3bc844f43ade1292e64"
3993 dependencies = [
3994  "windows-targets 0.48.5",
3995 ]
3996
3997 [[package]]
3998 name = "windows-sys"
3999 version = "0.48.0"
4000 source = "registry+https://github.com/rust-lang/crates.io-index"
4001 checksum =
"677d2418bec65e3338edb076e806bc1ec15693c5d0104683f2efe857f61056a9"
4002 dependencies = [
4003  "windows-targets 0.48.5",
4004 ]
4005
4006 [[package]]
4007 name = "windows-sys"
4008 version = "0.52.0"
4009 source = "registry+https://github.com/rust-lang/crates.io-index"
4010 checksum =
"282be5f36a8ce781fad8c8ae18fa3f9beff57ec1b52cb3de0789201425d9a33d"
4011 dependencies = [
4012  "windows-targets 0.52.0",
4013 ]
4014
4015 [[package]]
4016 name = "windows-targets"
```

```
4017 version = "0.48.5"
4018 source = "registry+https://github.com/rust-lang/crates.io-index"
4019 checksum =
"9a2fa6e2155d7247be68c096456083145c183cbbbc2764150dda45a87197940c"
4020 dependencies = [
4021  "windows_aarch64_gnullvm 0.48.5",
4022  "windows_aarch64_msvc 0.48.5",
4023  "windows_i686_gnu 0.48.5",
4024  "windows_i686_msvc 0.48.5",
4025  "windows_x86_64_gnu 0.48.5",
4026  "windows_x86_64_gnullvm 0.48.5",
4027  "windows_x86_64_msvc 0.48.5",
4028 ]
4029
4030 [[package]]
4031 name = "windows-targets"
4032 version = "0.52.0"
4033 source = "registry+https://github.com/rust-lang/crates.io-index"
4034 checksum =
"8a18201040b24831fbb9e4eb208f8892e1f50a37feb53cc7ff887feb8f50e7cd"
4035 dependencies = [
4036  "windows_aarch64_gnullvm 0.52.0",
4037  "windows_aarch64_msvc 0.52.0",
4038  "windows_i686_gnu 0.52.0",
4039  "windows_i686_msvc 0.52.0",
4040  "windows_x86_64_gnu 0.52.0",
4041  "windows_x86_64_gnullvm 0.52.0",
4042  "windows_x86_64_msvc 0.52.0",
4043 ]
4044
4045 [[package]]
4046 name = "windows_aarch64_gnullvm"
4047 version = "0.48.5"
4048 source = "registry+https://github.com/rust-lang/crates.io-index"
4049 checksum =
"2b38e32f0abccf9987a4e3079dfb67dcd799fb61361e53e2882c3cbaf0d905d8"
4050
4051 [[package]]
4052 name = "windows_aarch64_gnullvm"
4053 version = "0.52.0"
4054 source = "registry+https://github.com/rust-lang/crates.io-index"
4055 checksum =
"cb7764e35d4db8a7921e09562a0304bf2f93e0a51bfccee0bd0bb0b666b015ea"
4056
4057 [[package]]
4058 name = "windows_aarch64_msvc"
4059 version = "0.48.5"
4060 source = "registry+https://github.com/rust-lang/crates.io-index"
4061 checksum =
"dc35310971f3b2dbbf3f0690a219f40e2d9afcf64f9ab7cc1be722937c26b4bc"
4062
4063 [[package]]
4064 name = "windows_aarch64_msvc"
4065 version = "0.52.0"
4066 source = "registry+https://github.com/rust-lang/crates.io-index"
4067 checksum =
"bbaa0368d4f1d2aaefc55b6fcfee13f41544ddf36801e793edbbfd7d7df075ef"
4068
4069 [[package]]
4070 name = "windows_i686_gnu"
4071 version = "0.48.5"
```

```
4072 source = "registry+https://github.com/rust-lang/crates.io-index"
4073 checksum =
"a75915e7def60c94dcef72200b9a8e58e5091744960da64ec734a6c6e9b3743e"
4074
4075 [[package]]
4076 name = "windows_i686_gnu"
4077 version = "0.52.0"
4078 source = "registry+https://github.com/rust-lang/crates.io-index"
4079 checksum =
"a28637cb1fa3560a16915793afb20081aba2c92ee8af57b4d5f28e4b3e7df313"
4080
4081 [[package]]
4082 name = "windows_i686_msvc"
4083 version = "0.48.5"
4084 source = "registry+https://github.com/rust-lang/crates.io-index"
4085 checksum =
"8f55c233f70c4b27f66c523580f78f1004e8b5a8b659e05a4eb49d4166cca406"
4086
4087 [[package]]
4088 name = "windows_i686_msvc"
4089 version = "0.52.0"
4090 source = "registry+https://github.com/rust-lang/crates.io-index"
4091 checksum =
"ffe5e8e31046ce6230cc7215707b816e339ff4d4d67c65dffa206fd0f7aa7b9a"
4092
4093 [[package]]
4094 name = "windows_x86_64_gnu"
4095 version = "0.48.5"
4096 source = "registry+https://github.com/rust-lang/crates.io-index"
4097 checksum =
"53d40abd2583d23e4718fddf1ebec84dbff8381c07cae67ff7768bbf19c6718e"
4098
4099 [[package]]
4100 name = "windows_x86_64_gnu"
4101 version = "0.52.0"
4102 source = "registry+https://github.com/rust-lang/crates.io-index"
4103 checksum =
"3d6fa32db2bc4a2f5abeacf2b69f7992cd09dca97498da74a151a3132c26befd"
4104
4105 [[package]]
4106 name = "windows_x86_64_gnullvm"
4107 version = "0.48.5"
4108 source = "registry+https://github.com/rust-lang/crates.io-index"
4109 checksum =
"0b7b52767868a23d5bab768e390dc5f5c55825b6d30b86c844ff2dc7414044cc"
4110
4111 [[package]]
4112 name = "windows_x86_64_gnullvm"
4113 version = "0.52.0"
4114 source = "registry+https://github.com/rust-lang/crates.io-index"
4115 checksum =
"1a657e1e9d3f514745a572a6846d3c7aa7dbe1658c056ed9c3344c4109a6949e"
4116
4117 [[package]]
4118 name = "windows_x86_64_msvc"
4119 version = "0.48.5"
4120 source = "registry+https://github.com/rust-lang/crates.io-index"
4121 checksum =
"ed94fce61571a4006852b7389a063ab983c02eb1bb37b47f8272ce92d06d9538"
4122
4123 [[package]]
```

```
4124 name = "windows_x86_64_msvc"
4125 version = "0.52.0"
4126 source = "registry+https://github.com/rust-lang/crates.io-index"
4127 checksum =
"dff9641d1cd4be8d1a070daf9e3773c5f67e78b4d9d42263020c057706765c04"
4128
4129 [[package]]
4130 name = "winnow"
4131 version = "0.5.30"
4132 source = "registry+https://github.com/rust-lang/crates.io-index"
4133 checksum =
"9b5c3db89721d50d0e2a673f5043fc4722f76dcc352d7b1ab8b8288bed4ed2c5"
4134 dependencies = [
4135   "memchr",
4136 ]
4137
4138 [[package]]
4139 name = "winreg"
4140 version = "0.50.0"
4141 source = "registry+https://github.com/rust-lang/crates.io-index"
4142 checksum =
"524e57b2c537c0f9b1e69f1965311ec12182b4122e45035b1508cd24d2adadb1"
4143 dependencies = [
4144   "cfg-if",
4145   "windows-sys 0.48.0",
4146 ]
4147
4148 [[package]]
4149 name = "wyz"
4150 version = "0.5.1"
4151 source = "registry+https://github.com/rust-lang/crates.io-index"
4152 checksum =
"05f360fc0b24296329c78fda852a1e9ae82de9cf7b27dae4b7f62f118f77b9ed"
4153 dependencies = [
4154   "tap",
4155 ]
4156
4157 [[package]]
4158 name = "yaml-rust"
4159 version = "0.4.5"
4160 source = "registry+https://github.com/rust-lang/crates.io-index"
4161 checksum =
"56c1936c4cc7a1c9ab21a1ebb602eb942ba868cbd44a99cb7cdc5892335e1c85"
4162 dependencies = [
4163   "linked-hash-map",
4164 ]
4165
4166 [[package]]
4167 name = "yasna"
4168 version = "0.5.2"
4169 source = "registry+https://github.com/rust-lang/crates.io-index"
4170 checksum =
"e17bb3549cc1321ae1296b9cdc2698e2b6cb1992adfa19a8c72e5b7a738f44cd"
4171
4172 [[package]]
4173 name = "zerocopy"
4174 version = "0.7.31"
4175 source = "registry+https://github.com/rust-lang/crates.io-index"
4176 checksum =
"1c4061bedbb353041c12f413700357bec76df2c7e2ca8e4df8bac24c6bf68e3d"
4177 dependencies = [
```

```
4178   "zerocopy-derive",
4179 ]
4180
4181 [[package]]
4182 name = "zerocopy-derive"
4183 version = "0.7.31"
4184 source = "registry+https://github.com/rust-lang/crates.io-index"
4185 checksum =
"b3c129550b3e6de3fd0ba67ba5c81818f9805e58b8d7fee80a3a59d2c9fc601a"
4186 dependencies = [
4187   "proc-macro2",
4188   "quote",
4189   "syn 2.0.41",
4190 ]
4191
4192 [[package]]
4193 name = "zeroize"
4194 version = "1.7.0"
4195 source = "registry+https://github.com/rust-lang/crates.io-index"
4196 checksum =
"525b4ec142c6b68a2d10f01f7bbf6755599ca3f81ea53b8431b7dd348f5fdb2d"
4197
```

Cargo.toml

```toml
1 [workspace]
2 members = ["server", "celery"]
3
```

```
    Makefile

 1 # Start the services
 2 up:
 3 ” Fö6¶W"Ö6ö× ÷6R W  Ö@
 4
 5 # Stop the services
 6 down:
 7 ” Fö6¶W"Ö6ö× ÷6R F÷và
 8
 9 # Rebuild the services
10 rebuild:
11 ” Fö6¶W"Ö6ö× ÷6R W  ÖB ÒÖ'V—Æ@
12
13 # Show logs
14 logs:
15 ” Fö6¶W"Ö6ö× ÷6R Æöw2 Ö`
16
17 # Clean up
18 clean:
19 ” Fö6¶W"Ö6ö× ÷6R F÷vâ Ò×&Ö'  ÆÂ Ò×föÇVÖW2 Ò×&VÖ÷fRÖ÷' † ç0
20
21 # Run server and watch for changes
22 dev:
23 •%U5Eô$ 4µE$ 4SÓ  6 &vò v F6, ×, w'Vâ ÒÒ ÒÖ&—â F÷•÷ Æ —Eö  'p
24
25 celery:
26 —6 &vò 'Vâ ÒÖ&—â 6VÆW'•
27
28 lint:
29 ” 6 &vò 6Æ—  ' ÒÖf—ƒ² 6 &vò f×@
30
31 migrate:
32 ” 7 Ç, Ö—w& FR 'Vâ ÒÖF F & 6R×W&Â  ÷7Fw&W3
33
34 seed_db:
35 ” æöFR â÷67&— G2÷6VVEöF"æ§0
36
```

```
     celery/Cargo.toml


 1 [package]
 2 name = "celery"
 3 version = "0.1.0"
 4 edition = "2021"
 5
 6 # See more keys and their definitions at https:
 7
 8 [dependencies]
 9 server = { path = "../server" }
10 celery = "0.5.5"
11 tokio = { version = "1.0", features = ["full", "tracing"] }
12 serde = { version = "1.0", features = ["derive"] }
13 exitfailure = "0.5.1"
14
```

```
celery/src/main.rs


 1 #![allow(non_upper_case_globals)]
 2
 3 use exitfailure::ExitFailure;
 4 use server::resources::items::tasks::fire_webhook;
 5
 6 #[tokio::main]
 7 async fn main() -> Result<(), ExitFailure> {
 8     let celery_app = celery::app!(
 9         broker = RedisBroker { std::env::var("REDIS_ADDR").unwrap_or_else(|
_| "redis://127.0.0.1:6379/".into()) },
10         tasks = [fire_webhook],
11         task_routes = [
12             "*" => "celery",
13         ],
14         prefetch_count = 2
15     ).await?;
16
17     celery_app.consume().await?;
18
19     Ok(())
20 }
21
```

```
      config/default.toml


1 # Application
2 host = "127.0.0.1"
3 port = 8080
4 # Telemetry
5 otel_collector_host = "http://localhost"
6 otel_collector_port = 4317
7 # Data
8 database_url = "postgres://postgres:password@localhost:5432/plaid"
9 db_max_connections = 50
10
```

```
 1 CREATE TABLE credential (
 2   id SERIAL PRIMARY KEY,
 3   email VARCHAR(255) NOT NULL,
 4   password VARCHAR(255) NOT NULL
 5 );
 6 CREATE TABLE institution (
 7   id SERIAL PRIMARY KEY,
 8   name VARCHAR(255) NOT NULL
 9 );
10 CREATE TABLE item (
11   id SERIAL PRIMARY KEY,
12   access_token VARCHAR(255) NOT NULL,
13   credential_id INT REFERENCES credential(id) NOT NULL,
14   institution_id INT REFERENCES institution(id) NOT NULL,
15   webhook VARCHAR(255) NOT NULL
16 );
17 CREATE TABLE company (
18   id SERIAL PRIMARY KEY,
19   name VARCHAR(255) NOT NULL,
20   slug VARCHAR(255) NOT NULL
21 );
22 CREATE TABLE account (
23   id SERIAL PRIMARY KEY,
24   item_id INT REFERENCES item(id) NOT NULL,
25   mask VARCHAR(255) NOT NULL,
26   name VARCHAR(255) NOT NULL,
27   official_name VARCHAR(255) NOT NULL,
28   subtype VARCHAR(255) NOT NULL,
29   account_type VARCHAR(255) NOT NULL
30 );
31 CREATE TABLE personal_finance_category (
32   id SERIAL PRIMARY KEY,
33   detailed VARCHAR(255) NOT NULL,
34   primary_category VARCHAR(255) NOT NULL
35 );
36 CREATE TABLE transaction (
37   id SERIAL PRIMARY KEY,
38   account_id INT REFERENCES account(id) NOT NULL,
39   amount FLOAT NOT NULL,
40   date DATE NOT NULL,
41   datetime TIMESTAMP NOT NULL,
42   iso_currency_code VARCHAR(255) NOT NULL,
43   merchant_name VARCHAR(255) NOT NULL,
44   name VARCHAR(255) NOT NULL,
45   payment_channel VARCHAR(255) NOT NULL,
46   pending BOOLEAN NOT NULL,
47   personal_finance_category_id INT REFERENCES
personal_finance_category(id) NOT NULL
48 );
49
50 ALTER TABLE
51   personal_finance_category
52 ADD
53   CONSTRAINT chk_primary_category CHECK (
54     primary_category IN (
55       'INCOME', 'TRANSFER_IN', 'TRANSFER_OUT',
56       'LOAN_PAYMENTS', 'BANK_FEES', 'ENTERTAINMENT',
57       'FOOD_AND_DRINK', 'GENERAL_MERCHANDISE',
```

```
58          'HOME_IMPROVEMENT', 'MEDICAL', 'PERSONAL_CARE',
59          'GENERAL_SERVICES', 'GOVERNMENT_AND_NON_PROFIT',
60          'TRANSPORTATION', 'TRAVEL', 'RENT_AND_UTILITIES'
61       )
62    );
63 ALTER TABLE
64    personal_finance_category
65 ADD
66    CONSTRAINT chk_detailed CHECK (
67       detailed IN (
68          'INCOME_WAGES', 'INCOME_OTHER_INCOME',
69          'TRANSFER_IN_CASH_ADVANCES_AND_LOANS', 'TRANSFER_IN_DEPOSIT',
70          'TRANSFER_IN_SAVINGS', 'TRANSFER_IN_ACCOUNT_TRANSFER',
71          'TRANSFER_IN_OTHER_TRANSFER_IN',
'TRANSFER_OUT_INVESTMENT_AND_RETIREMENT_FUNDS',
72          'TRANSFER_OUT_SAVINGS', 'TRANSFER_OUT_WITHDRAWAL',
73          'TRANSFER_OUT_ACCOUNT_TRANSFER', 'TRANSFER_OUT_OTHER_TRANSFER_OUT',
74          'ENTERTAINMENT_OTHER_ENTERTAINMENT',
'FOOD_AND_DRINK_BEER_WINE_AND_LIQUOR',
75          'FOOD_AND_DRINK_COFFEE', 'FOOD_AND_DRINK_FAST_FOOD',
76          'FOOD_AND_DRINK_GROCERIES', 'FOOD_AND_DRINK_RESTAURANT',
77          'GENERAL_MERCHANDISE_BOOKSTORES_AND_NEWSSTANDS',
78          'GENERAL_MERCHANDISE_CLOTHING_AND_ACCESSORIES',
79          'GENERAL_MERCHANDISE_CONVENIENCE_STORES',
80          'GENERAL_MERCHANDISE_DEPARTMENT_STORES',
81          'GENERAL_MERCHANDISE_DISCOUNT_STORES',
'GENERAL_MERCHANDISE_ELECTRONICS',
82          'GENERAL_MERCHANDISE_GIFTS_AND_NOVELTIES',
83          'GENERAL_MERCHANDISE_OFFICE_SUPPLIES',
84          'GENERAL_MERCHANDISE_ONLINE_MARKETPLACES',
85          'GENERAL_MERCHANDISE_PET_SUPPLIES',
'GENERAL_MERCHANDISE_SPORTING_GOODS',
86          'GENERAL_MERCHANDISE_SUPERSTORES',
'GENERAL_MERCHANDISE_TOBACCO_AND_VAPE',
87          'GENERAL_MERCHANDISE_OTHER_GENERAL_MERCHANDISE',
88          'GENERAL_SERVICES_ACCOUNTING_AND_FINANCIAL_PLANNING',
89          'GENERAL_SERVICES_AUTOMOTIVE', 'GENERAL_SERVICES_CHILDCARE',
90          'GENERAL_SERVICES_CONSULTING_AND_LEGAL',
'GENERAL_SERVICES_EDUCATION',
91          'GENERAL_SERVICES_INSURANCE',
'GENERAL_SERVICES_POSTAGE_AND_SHIPPING',
92          'GENERAL_SERVICES_STORAGE',
'GENERAL_SERVICES_OTHER_GENERAL_SERVICES',
93          'GOVERNMENT_AND_NON_PROFIT_DONATIONS',
94          'GOVERNMENT_AND_NON_PROFIT_GOVERNMENT_DEPARTMENTS_AND_AGENCIES',
95          'GOVERNMENT_AND_NON_PROFIT_TAX_PAYMENT',
96          'GOVERNMENT_AND_NON_PROFIT_OTHER_GOVERNMENT_AND_NON_PROFIT',
97          'TRANSPORTATION_TAXIS_AND_RIDE_SHARES', 'TRAVEL_FLIGHTS',
98          'RENT_AND_UTILITIES_GAS_AND_ELECTRICITY',
99          'RENT_AND_UTILITIES_INTERNET_AND_CABLE', 'RENT_AND_UTILITIES_RENT',
100         'RENT_AND_UTILITIES_TELEPHONE'
101      )
102   );
103
```

```
       package.json

 1  {
 2    "name": "toy_plaid_api",
 3    "version": "0.0.1",
 4    "description": "Upsert fake data into Toy Plaid DB",
 5    "main": "index.js",
 6    "scripts": {
 7      "test": "echo \"Error: no test specified\" && exit 1"
 8    },
 9    "author": "",
10    "license": "ISC",
11    "devDependencies": {
12      "@faker-js/faker": "^8.3.1",
13      "csv-parse": "^5.5.3",
14      "knex": "^3.1.0",
15      "pg": "^8.11.3"
16    }
17  }
18
```

scripts/checkings_transactions.csv

```
1 name,merchant_name,payment_channel,amount,date,datetime,personal_finance_category
2 Initial Deposit,ATM Deposit,online,10000.0,2023-11-01,2023-11-01T02:37:32Z,TRANSFER_IN_DEPOSIT
3 Paystub,Oxide Computers,online,5567.0,2023-11-01,2023-11-01T09:47:00Z,INCOME_WAGES
4 Bank Transfer,Plaid Gold Saving,online,-1670.0,2023-11-01,2023-11-01T10:44:38Z,TRANSFER_OUT_SAVINGS
5 Purchase,Manual Photo,in_person,-42.82,2023-11-01,2023-11-01T13:43:58Z,GENERAL_SERVICES_OTHER_GENERAL_SERVICES
6 Purchase,GrandChamps Kitchen,in_person,-119.6,2023-11-01,2023-11-01T15:49:09Z,FOOD_AND_DRINK_RESTAURANT
7 Purchase,Sundown Lounge,in_person,-87.74,2023-11-02,2023-11-02T06:45:02Z,FOOD_AND_DRINK_RESTAURANT
8 Purchase,Manual Photo,in_person,-30.16,2023-11-02,2023-11-02T09:07:41Z,GENERAL_SERVICES_OTHER_GENERAL_SERVICES
9 Purchase,GrandChamps Kitchen,in_person,-53.37,2023-11-02,2023-11-02T10:16:55Z,FOOD_AND_DRINK_RESTAURANT
10 Purchase,Trader Joes,in_person,-199.32,2023-11-03,2023-11-03T07:37:37Z,FOOD_AND_DRINK_GROCERIES
11 Purchase,GrandChamps Kitchen,in_person,-85.1,2023-11-03,2023-11-03T11:25:13Z,FOOD_AND_DRINK_RESTAURANT
12 Purchase,Door Dash,online,-48.06,2023-11-04,2023-11-04T05:08:32Z,FOOD_AND_DRINK_BEER_WINE_AND_LIQUOR
13 Purchase,GrandChamps Kitchen,in_person,-60.17,2023-11-05,2023-11-05T08:41:01Z,FOOD_AND_DRINK_RESTAURANT
14 Purchase,Camellia Black Tea,online,-7.37,2023-11-05,2023-11-05T09:57:09Z,FOOD_AND_DRINK_COFFEE
15 Purchase,Sundown Lounge,in_person,-75.74,2023-11-05,2023-11-05T10:29:10Z,FOOD_AND_DRINK_RESTAURANT
16 Purchase,Trader Joes,in_person,-189.67,2023-11-06,2023-11-06T08:25:55Z,FOOD_AND_DRINK_GROCERIES
17 Purchase,Camellia Black Tea,in_person,-14.65,2023-11-07,2023-11-07T00:15:51Z,FOOD_AND_DRINK_COFFEE
18 Purchase,Trader Joes,in_person,-195.32,2023-11-07,2023-11-07T10:59:54Z,FOOD_AND_DRINK_GROCERIES
19 Purchase,GrandChamps Kitchen,in_person,-134.68,2023-11-07,2023-11-07T19:47:29Z,FOOD_AND_DRINK_RESTAURANT
20 Purchase,Amazon,online,-30.49,2023-11-08,2023-11-08T11:30:23Z,GENERAL_MERCHANDISE_OTHER_GENERAL_MERCHANDISE
21 Purchase,Camellia Black Tea,online,-10.49,2023-11-08,2023-11-08T19:18:34Z,FOOD_AND_DRINK_COFFEE
22 Purchase,Sundown Lounge,in_person,-81.15,2023-11-09,2023-11-09T03:05:54Z,FOOD_AND_DRINK_RESTAURANT
23 Purchase,GrandChamps Kitchen,in_person,-116.94,2023-11-09,2023-11-09T03:39:31Z,FOOD_AND_DRINK_RESTAURANT
24 Purchase,Door Dash,online,-36.58,2023-11-10,2023-11-10T08:54:42Z,FOOD_AND_DRINK_BEER_WINE_AND_LIQUOR
25 Purchase,Camellia Black Tea,in_person,-11.09,2023-11-10,2023-11-10T23:45:46Z,FOOD_AND_DRINK_COFFEE
26 Purchase,GrandChamps Kitchen,in_person,-48.59,2023-11-11,2023-11-11T23:59:39Z,FOOD_AND_DRINK_RESTAURANT
27 Purchase,Lyft,online,-62.24,2023-11-12,2023-11-12T18:01:30Z,TRANSPORTATION_TAXIS_AND_RIDE_SHARES
28 Purchase,Camellia Black Tea,online,-11.82,2023-11-13,2023-11-13T12:27:18Z,FOOD_AND_DRINK_COFFEE
29 Purchase,GrandChamps Kitchen,in_person,-92.94,2023-11-13,2023-11-13T17:43:
```

42Z,FOOD_AND_DRINK_RESTAURANT
 30 Purchase,Manual Photo,online,-22.76,2023-11-13,2023-11-13T22:50:51Z,GENERA
L_SERVICES_OTHER_GENERAL_SERVICES
 31 Purchase,Trader Joes,in_person,-152.43,2023-11-14,2023-11-14T03:19:53Z,FOO
D_AND_DRINK_GROCERIES
 32 Purchase,Amazon,online,-13.81,2023-11-14,2023-11-14T08:39:53Z,GENERAL_MERC
HANDISE_OTHER_GENERAL_MERCHANDISE
 33 Paystub,Oxide
Computers,online,5567.0,2023-11-15,2023-11-15T01:48:43Z,INCOME_WAGES
 34 Bank Transfer,Plaid Gold
Saving,online,-1670.0,2023-11-15,2023-11-15T01:56:41Z,TRANSFER_OUT_SAVINGS
 35 Purchase,Amazon,online,-17.94,2023-11-15,2023-11-15T11:23:11Z,GENERAL_MERC
HANDISE_OTHER_GENERAL_MERCHANDISE
 36 Purchase,Manual Photo,in_person,-15.09,2023-11-15,2023-11-15T20:23:32Z,GEN
ERAL_SERVICES_OTHER_GENERAL_SERVICES
 37 Purchase,Camellia Black
Tea,in_person,-13.78,2023-11-15,2023-11-15T22:31:45Z,FOOD_AND_DRINK_COFFEE
 38 Purchase,Lyft,online,-18.26,2023-11-16,2023-11-16T15:18:51Z,TRANSPORTATION
_TAXIS_AND_RIDE_SHARES
 39 Purchase,Lyft,online,-18.63,2023-11-16,2023-11-16T16:58:35Z,TRANSPORTATION
_TAXIS_AND_RIDE_SHARES
 40 Purchase,Door Dash,online,-9.84,2023-11-16,2023-11-16T22:04:25Z,FOOD_AND_D
RINK_BEER_WINE_AND_LIQUOR
 41 Purchase,Lyft,online,-12.61,2023-11-17,2023-11-17T02:18:20Z,TRANSPORTATION
_TAXIS_AND_RIDE_SHARES
 42 Purchase,Trader Joes,in_person,-140.89,2023-11-17,2023-11-17T08:25:46Z,FOO
D_AND_DRINK_GROCERIES
 43 Purchase,Amazon,online,-50.95,2023-11-18,2023-11-18T05:05:23Z,GENERAL_MERC
HANDISE_OTHER_GENERAL_MERCHANDISE
 44 Purchase,Trader Joes,in_person,-150.57,2023-11-19,2023-11-19T07:43:49Z,FOO
D_AND_DRINK_GROCERIES
 45 Purchase,Sundown Lounge,in_person,-76.39,2023-11-20,2023-11-20T12:48:14Z,F
OOD_AND_DRINK_RESTAURANT
 46 Purchase,GrandChamps Kitchen,in_person,-50.35,2023-11-20,2023-11-20T22:06:
36Z,FOOD_AND_DRINK_RESTAURANT
 47 Purchase,GrandChamps Kitchen,in_person,-49.78,2023-11-21,2023-11-21T03:02:
14Z,FOOD_AND_DRINK_RESTAURANT
 48 Purchase,Trader
Joes,in_person,-90.83,2023-11-21,2023-11-21T23:44:07Z,FOOD_AND_DRINK_GROCERIES
 49 Purchase,Camellia Black
Tea,in_person,-10.08,2023-11-22,2023-11-22T02:34:47Z,FOOD_AND_DRINK_COFFEE
 50 Purchase,Sundown Lounge,in_person,-36.43,2023-11-22,2023-11-22T09:27:39Z,F
OOD_AND_DRINK_RESTAURANT
 51 Purchase,Amazon,online,-88.65,2023-11-22,2023-11-22T14:28:50Z,GENERAL_MERC
HANDISE_OTHER_GENERAL_MERCHANDISE
 52 Purchase,Sundown Lounge,in_person,-86.7,2023-11-23,2023-11-23T13:04:09Z,FO
OD_AND_DRINK_RESTAURANT
 53 Purchase,Amazon,online,-25.83,2023-11-24,2023-11-24T11:15:48Z,GENERAL_MERC
HANDISE_OTHER_GENERAL_MERCHANDISE
 54 Purchase,Door Dash,online,-30.96,2023-11-25,2023-11-25T20:31:34Z,FOOD_AND_
DRINK_BEER_WINE_AND_LIQUOR
 55 Purchase,Amazon,online,-39.92,2023-11-25,2023-11-25T21:24:56Z,GENERAL_MERC
HANDISE_OTHER_GENERAL_MERCHANDISE
 56 Purchase,Door Dash,online,-31.9,2023-11-25,2023-11-25T23:55:12Z,FOOD_AND_D
RINK_BEER_WINE_AND_LIQUOR
 57 Purchase,Camellia Black
Tea,in_person,-7.72,2023-11-26,2023-11-26T03:45:02Z,FOOD_AND_DRINK_COFFEE
 58 Purchase,Amazon,online,-12.3,2023-11-26,2023-11-26T09:50:03Z,GENERAL_MERCH
ANDISE_OTHER_GENERAL_MERCHANDISE
 59 Purchase,Door Dash,online,-32.03,2023-11-27,2023-11-27T13:17:08Z,FOOD_AND_
DRINK_BEER_WINE_AND_LIQUOR

60 Purchase,Sundown Lounge,in_person,-57.33,2023-11-28,2023-11-28T02:33:55Z,FOOD_AND_DRINK_RESTAURANT
61 Purchase,Sundown Lounge,in_person,-73.65,2023-11-28,2023-11-28T22:51:27Z,FOOD_AND_DRINK_RESTAURANT
62 Purchase,GrandChamps Kitchen,in_person,-103.94,2023-11-29,2023-11-29T04:01:12Z,FOOD_AND_DRINK_RESTAURANT
63 Purchase,Amazon,online,-66.94,2023-11-29,2023-11-29T07:02:43Z,GENERAL_MERCHANDISE_OTHER_GENERAL_MERCHANDISE
64 Purchase,Amazon,online,-75.56,2023-11-29,2023-11-29T21:04:35Z,GENERAL_MERCHANDISE_OTHER_GENERAL_MERCHANDISE
65 Purchase,Sundown Lounge,in_person,-38.58,2023-11-30,2023-11-30T15:29:55Z,FOOD_AND_DRINK_RESTAURANT
66 Purchase,Manual Photo,online,-35.4,2023-11-30,2023-11-30T22:06:02Z,GENERAL_SERVICES_OTHER_GENERAL_SERVICES
67 Purchase,Lyft,online,-48.42,2023-11-30,2023-11-30T22:50:41Z,TRANSPORTATION_TAXIS_AND_RIDE_SHARES
68 Paystub,Oxide Computers,online,5567.0,2023-12-01,2023-12-01T09:11:29Z,INCOME_WAGES
69 Bank Transfer,Plaid Gold Saving,online,-1670.0,2023-12-01,2023-12-01T14:39:22Z,TRANSFER_OUT_SAVINGS
70 Purchase,Trader Joes,in_person,-80.53,2023-12-01,2023-12-01T17:55:15Z,FOOD_AND_DRINK_GROCERIES
71 Purchase,Camellia Black Tea,in_person,-9.68,2023-12-02,2023-12-02T00:26:13Z,FOOD_AND_DRINK_COFFEE
72 Purchase,Sundown Lounge,in_person,-95.68,2023-12-02,2023-12-02T21:36:38Z,FOOD_AND_DRINK_RESTAURANT
73 Purchase,Door Dash,online,-45.9,2023-12-03,2023-12-03T04:03:06Z,FOOD_AND_DRINK_BEER_WINE_AND_LIQUOR
74 Purchase,Lyft,online,-14.01,2023-12-04,2023-12-04T21:57:37Z,TRANSPORTATION_TAXIS_AND_RIDE_SHARES
75 Purchase,Camellia Black Tea,in_person,-10.01,2023-12-05,2023-12-05T04:14:43Z,FOOD_AND_DRINK_COFFEE
76 Purchase,Trader Joes,in_person,-164.81,2023-12-05,2023-12-05T21:43:31Z,FOOD_AND_DRINK_GROCERIES
77 Purchase,Camellia Black Tea,in_person,-13.58,2023-12-06,2023-12-06T18:51:00Z,FOOD_AND_DRINK_COFFEE
78 Purchase,Trader Joes,in_person,-98.71,2023-12-06,2023-12-06T23:10:02Z,FOOD_AND_DRINK_GROCERIES
79 Purchase,Amazon,online,-59.86,2023-12-07,2023-12-07T12:06:35Z,GENERAL_MERCHANDISE_OTHER_GENERAL_MERCHANDISE
80 Purchase,GrandChamps Kitchen,in_person,-84.89,2023-12-07,2023-12-07T16:24:13Z,FOOD_AND_DRINK_RESTAURANT
81 Purchase,Door Dash,online,-35.65,2023-12-08,2023-12-08T12:35:00Z,FOOD_AND_DRINK_BEER_WINE_AND_LIQUOR
82 Purchase,Lyft,online,-39.89,2023-12-08,2023-12-08T14:46:25Z,TRANSPORTATION_TAXIS_AND_RIDE_SHARES
83 Purchase,Manual Photo,online,-43.14,2023-12-08,2023-12-08T15:49:19Z,GENERAL_SERVICES_OTHER_GENERAL_SERVICES
84 Purchase,Sundown Lounge,in_person,-88.68,2023-12-09,2023-12-09T05:13:54Z,FOOD_AND_DRINK_RESTAURANT
85 Purchase,GrandChamps Kitchen,in_person,-97.15,2023-12-09,2023-12-09T20:45:38Z,FOOD_AND_DRINK_RESTAURANT
86 Purchase,Trader Joes,in_person,-127.17,2023-12-10,2023-12-10T07:19:23Z,FOOD_AND_DRINK_GROCERIES
87 Purchase,GrandChamps Kitchen,in_person,-121.04,2023-12-10,2023-12-10T22:18:46Z,FOOD_AND_DRINK_RESTAURANT
88 Purchase,Lyft,online,-31.82,2023-12-11,2023-12-11T11:44:01Z,TRANSPORTATION_TAXIS_AND_RIDE_SHARES
89 Purchase,GrandChamps Kitchen,in_person,-123.15,2023-12-11,2023-12-11T19:42:22Z,FOOD_AND_DRINK_RESTAURANT
90 Purchase,Sundown Lounge,in_person,-56.26,2023-12-12,2023-12-12T15:03:22Z,F

OOD_AND_DRINK_RESTAURANT
 91 Purchase,Manual Photo,online,-43.49,2023-12-12,2023-12-12T15:13:21Z,GENERAL_SERVICES_OTHER_GENERAL_SERVICES
 92 Purchase,Amazon,online,-33.19,2023-12-13,2023-12-13T04:57:54Z,GENERAL_MERCHANDISE_OTHER_GENERAL_MERCHANDISE
 93 Purchase,Amazon,online,-86.37,2023-12-13,2023-12-13T13:35:22Z,GENERAL_MERCHANDISE_OTHER_GENERAL_MERCHANDISE
 94 Purchase,Manual Photo,in_person,-20.67,2023-12-14,2023-12-14T12:38:33Z,GENERAL_SERVICES_OTHER_GENERAL_SERVICES
 95 Purchase,Camellia Black Tea,online,-7.5,2023-12-14,2023-12-14T21:06:07Z,FOOD_AND_DRINK_COFFEE
 96 Purchase,Manual Photo,in_person,-20.09,2023-12-14,2023-12-14T22:03:01Z,GENERAL_SERVICES_OTHER_GENERAL_SERVICES
 97 Paystub,Oxide Computers,online,5567.0,2023-12-15,2023-12-15T01:17:26Z,INCOME_WAGES
 98 Bank Transfer,Plaid Gold Saving,online,-1670.0,2023-12-15,2023-12-15T04:11:33Z,TRANSFER_OUT_SAVINGS
 99 Purchase,Manual Photo,online,-44.24,2023-12-15,2023-12-15T14:30:56Z,GENERAL_SERVICES_OTHER_GENERAL_SERVICES
100 Purchase,Sundown Lounge,in_person,-70.34,2023-12-16,2023-12-16T18:33:10Z,FOOD_AND_DRINK_RESTAURANT
101 Purchase,Camellia Black Tea,online,-13.17,2023-12-16,2023-12-16T21:54:18Z,FOOD_AND_DRINK_COFFEE
102 Purchase,Sundown Lounge,in_person,-124.68,2023-12-17,2023-12-17T00:30:57Z,FOOD_AND_DRINK_RESTAURANT
103 Purchase,GrandChamps Kitchen,in_person,-50.34,2023-12-17,2023-12-17T16:41:36Z,FOOD_AND_DRINK_RESTAURANT
104 Purchase,GrandChamps Kitchen,in_person,-45.13,2023-12-18,2023-12-18T06:53:58Z,FOOD_AND_DRINK_RESTAURANT
105 Purchase,Amazon,online,-22.73,2023-12-19,2023-12-19T00:51:48Z,GENERAL_MERCHANDISE_OTHER_GENERAL_MERCHANDISE
106 Purchase,Manual Photo,online,-22.21,2023-12-19,2023-12-19T15:48:36Z,GENERAL_SERVICES_OTHER_GENERAL_SERVICES
107 Purchase,Trader Joes,in_person,-129.37,2023-12-19,2023-12-19T18:57:40Z,FOOD_AND_DRINK_GROCERIES
108 Purchase,Trader Joes,in_person,-98.62,2023-12-20,2023-12-20T04:48:13Z,FOOD_AND_DRINK_GROCERIES
109 Purchase,Camellia Black Tea,online,-11.2,2023-12-21,2023-12-21T01:38:39Z,FOOD_AND_DRINK_COFFEE
110 Purchase,Lyft,online,-40.62,2023-12-21,2023-12-21T04:50:21Z,TRANSPORTATION_TAXIS_AND_RIDE_SHARES
111 Purchase,Manual Photo,in_person,-17.29,2023-12-22,2023-12-22T11:43:15Z,GENERAL_SERVICES_OTHER_GENERAL_SERVICES
112 Purchase,Trader Joes,in_person,-148.08,2023-12-22,2023-12-22T15:18:38Z,FOOD_AND_DRINK_GROCERIES
113 Purchase,Door Dash,online,-32.81,2023-12-23,2023-12-23T05:04:44Z,FOOD_AND_DRINK_BEER_WINE_AND_LIQUOR
114 Purchase,GrandChamps Kitchen,in_person,-113.43,2023-12-23,2023-12-23T10:19:06Z,FOOD_AND_DRINK_RESTAURANT
115 Purchase,Camellia Black Tea,in_person,-7.89,2023-12-24,2023-12-24T08:31:30Z,FOOD_AND_DRINK_COFFEE
116 Purchase,GrandChamps Kitchen,in_person,-109.63,2023-12-24,2023-12-24T14:10:33Z,FOOD_AND_DRINK_RESTAURANT
117 Purchase,Sundown Lounge,in_person,-43.27,2023-12-25,2023-12-25T16:12:01Z,FOOD_AND_DRINK_RESTAURANT
118 Purchase,Door Dash,online,-44.57,2023-12-26,2023-12-26T01:48:18Z,FOOD_AND_DRINK_BEER_WINE_AND_LIQUOR
119 Purchase,Sundown Lounge,in_person,-51.07,2023-12-26,2023-12-26T23:25:47Z,FOOD_AND_DRINK_RESTAURANT
120 Purchase,Manual Photo,in_person,-35.16,2023-12-26,2023-12-26T23:35:01Z,GENERAL_SERVICES_OTHER_GENERAL_SERVICES

121 Purchase,Sundown Lounge,in_person,-113.2,2023-12-27,2023-12-27T01:14:46Z,FOOD_AND_DRINK_RESTAURANT
122 Purchase,Amazon,online,-33.49,2023-12-27,2023-12-27T01:20:15Z,GENERAL_MERCHANDISE_OTHER_GENERAL_MERCHANDISE
123 Purchase,Amazon,online,-5.97,2023-12-27,2023-12-27T18:23:35Z,GENERAL_MERCHANDISE_OTHER_GENERAL_MERCHANDISE
124 Purchase,Amazon,online,-27.95,2023-12-28,2023-12-28T00:44:33Z,GENERAL_MERCHANDISE_OTHER_GENERAL_MERCHANDISE
125 Purchase,Lyft,online,-54.52,2023-12-29,2023-12-29T01:30:55Z,TRANSPORTATION_TAXIS_AND_RIDE_SHARES
126 Purchase,Sundown Lounge,in_person,-63.85,2023-12-29,2023-12-29T18:47:48Z,FOOD_AND_DRINK_RESTAURANT
127 Purchase,Door Dash,online,-20.97,2023-12-29,2023-12-29T19:29:50Z,FOOD_AND_DRINK_BEER_WINE_AND_LIQUOR
128 Purchase,Manual Photo,in_person,-21.58,2023-12-30,2023-12-30T03:55:49Z,GENERAL_SERVICES_OTHER_GENERAL_SERVICES
129 Purchase,Manual Photo,online,-36.84,2023-12-30,2023-12-30T22:34:50Z,GENERAL_SERVICES_OTHER_GENERAL_SERVICES
130 Purchase,Manual Photo,in_person,-19.71,2023-12-31,2023-12-31T21:39:43Z,GENERAL_SERVICES_OTHER_GENERAL_SERVICES
131 Purchase,Trader Joes,in_person,-157.37,2023-12-31,2023-12-31T22:07:14Z,FOOD_AND_DRINK_GROCERIES

```
 1 primary,detailed,description
 2 INCOME,INCOME_WAGES,"Income from salaries, gig-economy work, and tips
earned"
 3 INCOME,INCOME_OTHER_INCOME,"Other miscellaneous income, including alimony,
social security, child support, and rental"
 4 TRANSFER_IN,TRANSFER_IN_CASH_ADVANCES_AND_LOANS,Loans and cash advances
deposited into a bank account
 5 TRANSFER_IN,TRANSFER_IN_DEPOSIT,"Cash, checks, and ATM deposits into a
bank account"
 6 TRANSFER_IN,TRANSFER_IN_SAVINGS,Inbound transfers to a savings account
 7 TRANSFER_IN,TRANSFER_IN_ACCOUNT_TRANSFER,General inbound transfers from
another account
 8 TRANSFER_IN,TRANSFER_IN_OTHER_TRANSFER_IN,Other miscellaneous inbound
transactions
 9 TRANSFER_OUT,TRANSFER_OUT_INVESTMENT_AND_RETIREMENT_FUNDS,"Transfers to an
investment or retirement account, including investment apps such as Acorns,
Betterment"
10 TRANSFER_OUT,TRANSFER_OUT_SAVINGS,Outbound transfers to savings accounts
11 TRANSFER_OUT,TRANSFER_OUT_WITHDRAWAL,Withdrawals from a bank account
12 TRANSFER_OUT,TRANSFER_OUT_ACCOUNT_TRANSFER,General outbound transfers to
another account
13 TRANSFER_OUT,TRANSFER_OUT_OTHER_TRANSFER_OUT,Other miscellaneous outbound
transactions
14 ENTERTAINMENT,ENTERTAINMENT_OTHER_ENTERTAINMENT,"Other miscellaneous
entertainment purchases, including night life and adult entertainment"
15 FOOD_AND_DRINK,FOOD_AND_DRINK_BEER_WINE_AND_LIQUOR,"Beer, Wine & Liquor
Stores"
16 FOOD_AND_DRINK,FOOD_AND_DRINK_COFFEE,Purchases at coffee shops or cafes
17 FOOD_AND_DRINK,FOOD_AND_DRINK_FAST_FOOD,Dining expenses for fast food
chains
18 FOOD_AND_DRINK,FOOD_AND_DRINK_GROCERIES,"Purchases for fresh produce and
groceries, including farmers' markets"
19 FOOD_AND_DRINK,FOOD_AND_DRINK_RESTAURANT,"Dining expenses for restaurants,
bars, gastropubs, and diners"
20 GENERAL_MERCHANDISE,GENERAL_MERCHANDISE_BOOKSTORES_AND_NEWSSTANDS,"Books,
magazines, and news "
21 GENERAL_MERCHANDISE,GENERAL_MERCHANDISE_CLOTHING_AND_ACCESSORIES,"Apparel,
shoes, and jewelry"
22 GENERAL_MERCHANDISE,GENERAL_MERCHANDISE_CONVENIENCE_STORES,Purchases at
convenience stores
23 GENERAL_MERCHANDISE,GENERAL_MERCHANDISE_DEPARTMENT_STORES,"Retail stores
with wide ranges of consumer goods, typically specializing in clothing and
home goods"
24 GENERAL_MERCHANDISE,GENERAL_MERCHANDISE_DISCOUNT_STORES,Stores selling
goods at a discounted price
25 GENERAL_MERCHANDISE,GENERAL_MERCHANDISE_ELECTRONICS,Electronics stores and
websites
26 GENERAL_MERCHANDISE,GENERAL_MERCHANDISE_GIFTS_AND_NOVELTIES,"Photo, gifts,
cards, and floral stores"
27 GENERAL_MERCHANDISE,GENERAL_MERCHANDISE_OFFICE_SUPPLIES,Stores that
specialize in office goods
28 GENERAL_MERCHANDISE,GENERAL_MERCHANDISE_ONLINE_MARKETPLACES,"Multi-purpose
e-commerce platforms such as Etsy, Ebay and Amazon"
29 GENERAL_MERCHANDISE,GENERAL_MERCHANDISE_PET_SUPPLIES,Pet supplies and pet
food
30 GENERAL_MERCHANDISE,GENERAL_MERCHANDISE_SPORTING_GOODS,"Sporting goods,
camping gear, and outdoor equipment"
31 GENERAL_MERCHANDISE,GENERAL_MERCHANDISE_SUPERSTORES,"Superstores such as
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Target and Walmart, selling both groceries and general merchandise"
32 GENERAL_MERCHANDISE,GENERAL_MERCHANDISE_TOBACCO_AND_VAPE,Purchases for tobacco and vaping products
33 GENERAL_MERCHANDISE,GENERAL_MERCHANDISE_OTHER_GENERAL_MERCHANDISE,"Other miscellaneous merchandise, including toys, hobbies, and arts and crafts"
34 GENERAL_SERVICES,GENERAL_SERVICES_ACCOUNTING_AND_FINANCIAL_PLANNING,"Financial planning, and tax and accounting services"
35 GENERAL_SERVICES,GENERAL_SERVICES_AUTOMOTIVE,"Oil changes, car washes, repairs, and towing"
36 GENERAL_SERVICES,GENERAL_SERVICES_CHILDCARE,Babysitters and daycare
37 GENERAL_SERVICES,GENERAL_SERVICES_CONSULTING_AND_LEGAL,Consulting and legal services
38 GENERAL_SERVICES,GENERAL_SERVICES_EDUCATION,"Elementary, high school, professional schools, and college tuition"
39 GENERAL_SERVICES,GENERAL_SERVICES_INSURANCE,"Insurance for auto, home, and healthcare"
40 GENERAL_SERVICES,GENERAL_SERVICES_POSTAGE_AND_SHIPPING,"Mail, packaging, and shipping services"
41 GENERAL_SERVICES,GENERAL_SERVICES_STORAGE,Storage services and facilities
42 GENERAL_SERVICES,GENERAL_SERVICES_OTHER_GENERAL_SERVICES,"Other miscellaneous services, including advertising and cloud storage "
43 GOVERNMENT_AND_NON_PROFIT,GOVERNMENT_AND_NON_PROFIT_DONATIONS,"Charitable, political, and religious donations"
44 GOVERNMENT_AND_NON_PROFIT,GOVERNMENT_AND_NON_PROFIT_GOVERNMENT_DEPARTMENTS_AND_AGENCIES,"Government departments and agencies, such as driving licences, and passport renewal"
45 GOVERNMENT_AND_NON_PROFIT,GOVERNMENT_AND_NON_PROFIT_TAX_PAYMENT,"Tax payments, including income and property taxes"
46 GOVERNMENT_AND_NON_PROFIT,GOVERNMENT_AND_NON_PROFIT_OTHER_GOVERNMENT_AND_NON_PROFIT,Other miscellaneous government and non-profit agencies
47 TRANSPORTATION,TRANSPORTATION_TAXIS_AND_RIDE_SHARES,Taxi and ride share services
48 TRAVEL,TRAVEL_FLIGHTS,Airline expenses
49 RENT_AND_UTILITIES,RENT_AND_UTILITIES_GAS_AND_ELECTRICITY,Gas and electricity bills
50 RENT_AND_UTILITIES,RENT_AND_UTILITIES_INTERNET_AND_CABLE,Internet and cable bills
51 RENT_AND_UTILITIES,RENT_AND_UTILITIES_RENT,Rent payment
52 RENT_AND_UTILITIES,RENT_AND_UTILITIES_TELEPHONE,Cell phone bills

savings_transactions.csv

```
1 name,merchant_name,payment_channel,amount,date,datetime,personal_finance_cat
egory
2 Bank Transfer,Plaid Gold
Saving,online,1670.0,2023-11-01,2023-11-01T04:55:56Z,TRANSFER_IN_SAVINGS
3 Bank Transfer,Plaid Gold
Saving,online,1670.0,2023-11-15,2023-11-15T14:54:28Z,TRANSFER_IN_SAVINGS
4 Bank Transfer,Plaid Gold
Saving,online,1670.0,2023-12-01,2023-12-01T00:57:33Z,TRANSFER_IN_SAVINGS
5 Bank Transfer,Plaid Gold
Saving,online,1670.0,2023-12-15,2023-12-15T03:21:53Z,TRANSFER_IN_SAVINGS
```

```
 1 const { faker } = require('@faker-js/faker');
 2 const knex = require('knex')
 3 const fs = require('fs')
 4 const { parse } = require('csv-parse');
 5 const {
 6   log
 7 } = console
 8
 9 const ISO_CURRENCY_CODE = "USD"
10
11 const parse_csv = async (path, transformer) => {
12   const data = []
13
14   const records = fs
15     .createReadStream(path)
16     .pipe(parse({
17       columns: true,
18     }))
19
20   for await (const record of records) {
21     data.push(transformer(record))
22   }
23
24   return data
25 }
26
27 const category_name_to_id_map = (records) => {
28   const map = {}
29
30   for (const record of records) {
31     map[record.detailed] = record.id
32   }
33
34   return map
35 }
36
37 const seed_company = async (client) => {
38   log("Seeding company...")
39
40   return client('company').insert({
41     name: 'Oxide',
42     slug: 'oxide-computing',
43   }).returning("id")
44 }
45
46 const seed_institution = async (client) => {
47   log("Seeding institution...")
48
49   return client('institution').insert({
50     name: 'Brex',
51   })
52 }
53
54 const seed_personal_finance_categories = async (client) => {
55   log("Seeding personal finance categories...")
56
57   const data = await parse_csv(`${__dirname}/
```

```
personal_finance_categories.csv`, (record) => ({
 58      primary_category: record.primary,
 59      detailed: record.detailed,
 60    }))
 61
 62    return client('personal_finance_category').insert(data).returning('*')
 63  }
 64
 65  const seed_checkings_account = async (client, categories_map, company) =>
{
 66    log("Seeding checkings account...")
 67
 68    const [account] = await client('account').insert(
 69      {
 70        company_id: company.id,
 71        mask: '0000',
 72        name: 'Plaid Checking',
 73        official_name: 'Plaid Gold Checking',
 74        subtype: 'checking',
 75        type: 'depository'
 76      }
 77    ).returning('id')
 78
 79    const data = await parse_csv(`${__dirname}/checkings_transactions.csv`,
(record) => ({
 80      account_id: account.id,
 81      amount: record.amount,
 82      date: record.date,
 83      datetime: record.datetime,
 84      iso_currency_code: ISO_CURRENCY_CODE,
 85      merchant_name: record.merchant_name,
 86      name: record.name,
 87      payment_channel: record.payment_channel,
 88      pending: false,
 89      personal_finance_category_id:
categories_map[record.personal_finance_category],
 90    }))
 91
 92    await client('transaction').insert(data)
 93  }
 94
 95  (async function() {
 96    const client = knex({
 97      client: 'pg',
 98      connection: {
 99        host: 'localhost',
100        port: 5432,
101        database: 'plaid',
102        user: 'postgres',
103        password: 'password',
104      }
105    })
106
107    client.transaction(async function(trx) {
108      await seed_personal_finance_categories(trx);
109
110
111      await seed_company(trx);
112
113      await seed_institution(trx);
114
```

```
115
116   })
117     .then(function() {
118       log("Closing connection")
119
120       process.exit(0)
121     })
122     .catch(function(error) {
123       log("Uh oh", error)
124
125       process.exit(1)
126     });
127 }())
128
```

```
 1 [package]
 2 name = "server"
 3 version = "0.1.0"
 4 edition = "2021"
 5
 6 [lib]
 7 path = "src/lib.rs"
 8
 9 [[bin]]
10 path = "src/main.rs"
11 name = "toy_plaid_api"
12
13 [dev-dependencies]
14 axum-test-helper = "0.*"
15
16 [dependencies]
17 axum = { version = "0.7" }
18 base64 = "0.21"
19 celery = "0.5.5"
20 csv = "1.3.0"
21 hyper = { version = "1.1.0", features = ["full"] }
22 http = "1.0.0"
23 config = { version = "0.13.3" }
24 reqwest = "0.11.23"
25 serde = { version = "1.0", features = ["derive"] }
26 serde_derive = { version = "1.0.160" }
27 serde_json = { version = "1.0" }
28 tokio = { version = "1.0", features = ["full", "tracing"] }
29 tower = { version = "0.4", features = ["util"] }
30 tower-http = { version = "0.5", features = ["cors", "trace", "request-
id"] }
31 utoipa = { version = "4" }
32 utoipa-redoc = { version = "2.0.0", features = ["axum"] }
33 url = "2.2.0"
34 uuid = { version = "1.3.0", features = ["serde"] }
35 sea-query = { version = "0", features = ["derive", "attr"] }
36 sea-query-binder = { version = "0", features = [
37   "sqlx-postgres",
38   "with-chrono",
39   "with-json",
40   "with-rust_decimal",
41   "with-bigdecimal",
42   "with-uuid",
43   "with-time",
44   "with-ipnetwork",
45   "with-mac_address",
46   "runtime-tokio-rustls",
47 ] }
48 sqlx = { version = "0.7", features = [
49   "chrono",
50   "migrate",
51   "postgres",
52   "runtime-tokio",
53   "tls-rustls",
54   "uuid",
55 ] }
56
```

```
 1 use std::sync::Arc;
 2
 3 use axum::{
 4     routing::{get, IntoMakeService},
 5     serve::Serve,
 6     Router,
 7 };
 8 use celery::{prelude::*, Celery};
 9 use sqlx::{Pool, Postgres};
10 use tokio::net::TcpListener;
11 use tower::ServiceBuilder;
12 use tower_http::cors::{Any, CorsLayer};
13 use utoipa::OpenApi;
14 use utoipa_redoc::{Redoc, Servable};
15
16 pub mod settings;
17
18 pub mod resources;
19
20 pub mod utils;
21
22 use resources::transactions;
23
24 use resources::accounts;
25
26 use resources::companies;
27
28 use resources::items;
29
30 #[derive(Clone)]
31 pub struct AppState {
32     config: settings::Settings,
33     db: Pool<Postgres>,
34     celery_app: Arc<Celery>,
35 }
36
37 #[derive(OpenApi)]
38 #[openapi(
39     paths(
40         accounts::router::get_account_by_id,
41         accounts::router::get_all_accounts,
42         companies::router::get_company_by_id,
43         transactions::router::get_all_transactions,
44         transactions::router::get_transaction_by_id,
45         items::router::post_item,
46     ),
47     components(
48         schemas(transactions::models::Transaction),
49         schemas(accounts::models::Account),
50         schemas(companies::models::Company),
51         schemas(items::models::Item),
52     ),
53     info(
54         title = "Ø>Ýø Toy Plaid API",
55         description = "
56             This is a toy API that mimics the Plaid API. It is not
intended to be used in production.
57             It is intended to be used as a learning tool for the Rust
```

```
programming language.
58 "
59      )
60 )]
61 struct ApiDoc;
62
63 pub async fn make_celery_app() -> Arc<Celery> {
64     celery::app!(
65         broker = RedisBroker { std::env::var("REDIS_ADDR").unwrap_or_else(|
_| "redis://127.0.0.1:6379/".into()) },
66         tasks = [items::tasks::fire_webhook],
67         task_routes = [
68             "*" => "celery",
69         ],
70         prefetch_count = 2
71     ).await.unwrap()
72 }
73
74 async fn core_router(config: settings::Settings, db: Pool<Postgres>) ->
Router {
75     let celery_app = make_celery_app().await;
76
77     Router::new()
78         .merge(Router::new().route("/health", get(|| async { Ok::<_,
()>((()) }))))
79         .merge(resources::transactions::router::api())
80         .merge(resources::accounts::router::api())
81         .merge(resources::companies::router::api())
82         .merge(resources::items::router::api())
83         .merge(Redoc::with_url("/redoc", ApiDoc::openapi()))
84
        .layer(ServiceBuilder::new().layer(CorsLayer::new().allow_origin(Any)))

85         .with_state(AppState {
86             config,
87             db,
88             celery_app,
89         })
90 }
91
92 pub async fn make_server(
93     listener: TcpListener,
94     config: settings::Settings,
95     db: Pool<Postgres>,
96 ) -> Serve<IntoMakeService<Router>, Router> {
97     axum::serve(listener, core_router(config,
db).await.into_make_service())
98 }
99
```

```rust
 1 use server::{make_server, settings::Settings, utils::get_config_directory};
 2 use sqlx::postgres::PgPoolOptions;
 3
 4
 5 #[tokio::main]
 6 async fn main() {
 7     let config_directory = get_config_directory();
 8
 9     let config = Settings::new(&config_directory).expect("Failed to load
configuration");
10
11     let listener = tokio::net::TcpListener::bind(format!("{}:{}",
config.host, config.port))
12         .await
13         .unwrap_or_else(|_| panic!("Failed to bind {}:{}", config.host,
config.port));
14
15     let db = PgPoolOptions::new()
16         .max_connections(config.db_max_connections)
17         .connect(&config.database_url)
18         .await
19         .unwrap();
20
21     let server = make_server(listener, config.clone(), db).await;
22
23     println!(
24         "Starting up Toy Plaid API @ {}:{}",
25         config.host, config.port
26     );
27
28     if let Err(e) = server.await {
29         println!("Toy Plaid API failed to start: {:?}", e)
30     }
31 }
32
```

```
1 pub mod models;
2
3 pub mod router;
4
5 pub mod sql;
6
```

```rust
 1 use sea_query::enum_def;
 2 use serde::{Deserialize, Serialize};
 3 use sqlx::FromRow;
 4 use utoipa::ToSchema;
 5
 6 #[enum_def]
 7 #[derive(FromRow, Serialize, Deserialize, Debug, ToSchema)]
 8 pub struct Account {
 9     pub id: i32,
10     pub mask: String,
11     pub name: String,
12     pub official_name: String,
13     pub account_type: String,
14     pub subtype: String,
15     pub item_id: i32,
16 }
17
```

```rust
1 use crate::AppState;
2 use axum::{
3     extract::{Path, State},
4     response::IntoResponse,
5     routing::get,
6     Json, Router,
7 };
8
9 use super::sql::{select_account_by_id, select_all_from_account};
10
11 #[utoipa::path(
12     get,
13     path = "/accounts/{id}",
14     responses(
15         (status = OK, body = Account),
16         (status = NOT_FOUND)
17     ),
18     params(
19         ("id" = i32, Path, description = "identifier for a single
account"),
20     ),
21     tag = "Accounts"
22 )]
23 pub async fn get_account_by_id(
24     Path(id): Path<i32>,
25     State(app_state): State<AppState>,
26 ) -> impl IntoResponse {
27     Json(select_account_by_id(id, &app_state.db).await)
28 }
29
30 #[utoipa::path(
31     get,
32     path = "/accounts",
33     responses(
34         (status = OK, body = Transaction),
35         (status = NOT_FOUND)
36     ),
37     params(
38         ("id" = i32, Path, description = "identifier for a single
transaction"),
39     ),
40     tag = "Accounts"
41 )]
42 pub async fn get_all_accounts(State(app_state): State<AppState>) -> impl
IntoResponse {
43     Json(select_all_from_account(&app_state.db).await)
44 }
45
46 pub fn api() -> Router<AppState> {
47     Router::new()
48         .route("/accounts/:id", get(get_account_by_id))
49         .route("/accounts", get(get_all_accounts))
50 }
51
```

```
 1 use sea_query::{Expr, PostgresQueryBuilder, Query};
 2 use sqlx::{Pool, Postgres};
 3
 4 use super::models::{Account, AccountIden};
 5
 6 pub async fn select_account_by_id(id: i32, db: &Pool<Postgres>) -> Account
{
 7     let query = Query::select()
 8         .from(AccountIden::Table)
 9         .columns(vec![
10             AccountIden::Id,
11             AccountIden::Mask,
12             AccountIden::Name,
13             AccountIden::OfficialName,
14             AccountIden::Subtype,
15         ])
16         .and_where(Expr::col(AccountIden::Id).eq(id))
17         .to_string(PostgresQueryBuilder);
18
19     sqlx::query_as::<Postgres, Account>(&query)
20         .fetch_one(db)
21         .await
22         .unwrap()
23 }
24
25 pub async fn select_all_from_account(db: &Pool<Postgres>) -> Vec<Account> {
26     let query = Query::select()
27         .from(AccountIden::Table)
28         .columns(vec![
29             AccountIden::Id,
30             AccountIden::Mask,
31             AccountIden::Name,
32             AccountIden::OfficialName,
33             AccountIden::Subtype,
34         ])
35         .to_string(PostgresQueryBuilder);
36
37     sqlx::query_as::<Postgres, Account>(&query)
38         .fetch_all(db)
39         .await
40         .unwrap()
41 }
42
43 pub async fn insert_account(
44     item_id: i32,
45     trx: &mut sqlx::Transaction<'_, sqlx::Postgres>,
46 ) -> Account {
47     let query = Query::insert()
48         .into_table(AccountIden::Table)
49         .columns(vec![
50             AccountIden::Mask,
51             AccountIden::Name,
52             AccountIden::OfficialName,
53             AccountIden::Subtype,
54             AccountIden::AccountType,
55             AccountIden::ItemId,
56         ])
57         .values_panic(vec![
```

```
58                "0000".into(),
59                "Plaid Checking".into(),
60                "Plaid Gold Checking".into(),
61                "checking".into(),
62                "depository".into(),
63                item_id.into(),
64            ])
65            .returning_all()
66            .to_string(PostgresQueryBuilder)
67            .to_owned();
68
69      sqlx::query_as::<Postgres, Account>(&query)
70            .fetch_one(&mut **trx)
71            .await
72            .unwrap()
73 }
74
```

```
1 pub mod models;
2
3 pub mod router;
4
5 pub mod sql;
6
```

```rust
 1 use sea_query::enum_def;
 2 use serde::{Deserialize, Serialize};
 3 use sqlx::FromRow;
 4 use utoipa::ToSchema;
 5
 6 #[enum_def]
 7 #[derive(FromRow, Serialize, Deserialize, Debug, ToSchema)]
 8 pub struct Company {
 9     pub id: i32,
10     pub name: String,
11     pub slug: String,
12 }
13
```

server/src/resources/companies/router.rs

```rust
 1 use axum::{
 2     extract::{Path, State},
 3     response::IntoResponse,
 4     routing::get,
 5     Json, Router,
 6 };
 7
 8 use crate::AppState;
 9
10 use super::sql::{select_company_by_id, select_transactions_by_account};
11
12 #[utoipa::path(
13     get,
14     path = "/companies/{id}",
15     responses(
16         (status = OK, body = Company),
17         (status = NOT_FOUND)
18     ),
19     params(
20         ("id" = i32, Path, description = "identifier for a single
transaction"),
21     ),
22     tag = "Companies"
23 )]
24 pub async fn get_company_by_id(
25     Path(id): Path<i32>,
26     State(app_state): State<AppState>,
27 ) -> impl IntoResponse {
28     Json(select_company_by_id(id, &app_state.db).await)
29 }
30
31 pub async fn transactions_dashboard(
32     Path(id): Path<i32>,
33     State(app_state): State<AppState>,
34 ) -> impl IntoResponse {
35     Json(select_transactions_by_account(id, &app_state.db).await)
36 }
37
38 pub fn api() -> Router<AppState> {
39     Router::new()
40         .route("/companies/:id", get(get_company_by_id))
41         .route("/companies/:id/dashboard", get(transactions_dashboard))
42 }
43
```

```
 1 use std::collections::HashMap;
 2
 3 use sea_query::{Alias, Expr, Order, PostgresQueryBuilder, Query};
 4 use serde_derive::{Deserialize, Serialize};
 5 use sqlx::{
 6     postgres::PgRow,
 7     types::chrono::{NaiveDate, NaiveDateTime},
 8     FromRow, Pool, Postgres, Row,
 9 };
10
11 use crate::resources::{
12     accounts::models::AccountIden,
13     items::models::ItemIden,
14     transactions::models::{PersonalFinanceCategoryIden, TransactionIden,
TransactionSQL},
15 };
16
17 use super::models::{Company, CompanyIden};
18
19
20 pub async fn select_company_by_id(id: i32, db: &Pool<Postgres>) ->
Company {
21     let query = Query::select()
22         .from(CompanyIden::Table)
23         .columns(vec![
24             CompanyIden::Table,
25             CompanyIden::Id,
26             CompanyIden::Name,
27             CompanyIden::Slug,
28         ])
29         .and_where(Expr::col((CompanyIden::Table,
CompanyIden::Id)).eq(id))
30         .to_string(PostgresQueryBuilder);
31
32     sqlx::query_as::<Postgres, Company>(&query)
33         .fetch_one(db)
34         .await
35         .unwrap()
36 }
37
38 #[derive(FromRow, Serialize, Deserialize, Debug)]
39 pub struct AccountWithTransactions {
40     pub account_id: i32,
41     pub transactions: Vec<TransactionSQL>,
42 }
43 #[derive(FromRow, Serialize, Deserialize, Debug)]
44 pub struct CompanyWithAccounts {
45     pub company_id: i32,
46     pub company_name: String,
47     pub accounts: Vec<AccountWithTransactions>,
48 }
49
50
51
52
53
54
55
```

```rust
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79 pub async fn select_transactions_by_account(
80     item_id: i32,
81     db: &Pool<Postgres>,
82 ) -> CompanyWithAccounts {
83     let query = Query::select()
84         .columns(vec![(ItemIden::Table, ItemIden::Id)])
85         .column((AccountIden::Table, AccountIden::Id))
86         .columns(vec![
87             (TransactionIden::Table, TransactionIden::Id),
88             (TransactionIden::Table, TransactionIden::AccountId),
89             (TransactionIden::Table, TransactionIden::Amount),
90             (TransactionIden::Table, TransactionIden::IsoCurrencyCode),
91             (TransactionIden::Table, TransactionIden::Date),
92             (TransactionIden::Table, TransactionIden::Datetime),
93             (TransactionIden::Table, TransactionIden::Name),
94             (TransactionIden::Table, TransactionIden::MerchantName),
95             (TransactionIden::Table, TransactionIden::PaymentChannel),
96             (TransactionIden::Table, TransactionIden::Pending),
97             (
98                 TransactionIden::Table,
99                 TransactionIden::PersonalFinanceCategoryId,
100             ),
101         ])
102         .column((
103             PersonalFinanceCategoryIden::Table,
104             PersonalFinanceCategoryIden::Detailed,
105         ))
106         .from(ItemIden::Table)
107         .left_join(
108             AccountIden::Table,
109             Expr::col((ItemIden::Table, ItemIden::Id))
110                 .equals((AccountIden::Table, AccountIden::ItemId)),
111         )
112         .left_join(
113             TransactionIden::Table,
114             Expr::col((AccountIden::Table, AccountIden::Id))
115                 .equals((TransactionIden::Table,
TransactionIden::AccountId)),
```

```
116            )
117            .left_join(
118                PersonalFinanceCategoryIden::Table,
119                Expr::col((
120                    TransactionIden::Table,
121                    TransactionIden::PersonalFinanceCategoryId,
122                ))
123                .equals((
124                    PersonalFinanceCategoryIden::Table,
125                    PersonalFinanceCategoryIden::Id,
126                )),
127            )
128            .expr_as(
129                Expr::col((ItemIden::Table, ItemIden::Id)),
130                Alias::new("item_id"),
131            )
132            .expr_as(
133                Expr::col((AccountIden::Table, AccountIden::Id)),
134                Alias::new("account_id"),
135            )
136            .expr_as(
137                Expr::col(PersonalFinanceCategoryIden::Detailed),
138                Alias::new("category"),
139            )
140            .and_where(Expr::col((ItemIden::Table, ItemIden::Id)).eq(item_id))
141            .order_by(
142                (TransactionIden::Table, TransactionIden::Datetime),
143                Order::Desc,
144            )
145            .to_string(PostgresQueryBuilder);
146
147    let results = sqlx::query::<Postgres>(&query)
148        .map(|row: PgRow| TransactionSQL {
149            id: row.try_get("id").unwrap(),
150            account_id: row.try_get("account_id").unwrap(),
151            amount: row.try_get("amount").unwrap(),
152            name: row.try_get("name").unwrap(),
153            iso_currency_code: row.try_get("iso_currency_code").unwrap(),
154            date: row
155                .try_get::<NaiveDate, _>("date")
156                .unwrap()
157                .format("%Y-%m-%d")
158                .to_string(),
159            datetime: row
160                .try_get::<NaiveDateTime, _>("datetime")
161                .unwrap()
162                .to_string(),
163            merchant_name: row.try_get("merchant_name").unwrap(),
164            category: row.try_get("category").unwrap(),
165            payment_channel: row.try_get("payment_channel").unwrap(),
166            pending: row.try_get("pending").unwrap(),
167        })
168        .fetch_all(db)
169        .await
170        .unwrap();
171
172    let company = select_company_by_id(item_id, db).await;
173
174    let mut accounts: HashMap<i32, Vec<TransactionSQL>> = HashMap::new();
175
176    for result in results {
```

```rust
177            let transaction = TransactionSQL {
178                id: result.id,
179                account_id: result.account_id,
180                amount: result.amount,
181                iso_currency_code: result.iso_currency_code,
182                date: result.date,
183                datetime: result.datetime,
184                name: result.name,
185                merchant_name: result.merchant_name,
186                payment_channel: result.payment_channel,
187                pending: result.pending,
188                category: result.category,
189            };
190
191            accounts
192                .entry(result.account_id)
193                .or_insert_with(Vec::new)
194                .push(transaction);
195        }
196
197        let accounts_with_transactions = accounts
198            .into_iter()
199            .map(|(account_id, transactions)| AccountWithTransactions {
200                account_id,
201                transactions,
202            })
203            .collect();
204
205        CompanyWithAccounts {
206            company_id: item_id,
207            company_name: company.name,
208            accounts: accounts_with_transactions,
209        }
210 }
211
```

```
1 pub mod models;
2
3 pub mod sql;
4
5 pub mod router;
6
```

```
 1 use sea_query::enum_def;
 2 use serde_derive::{Deserialize, Serialize};
 3 use sqlx::FromRow;
 4 use utoipa::ToSchema;
 5
 6 #[enum_def]
 7 #[derive(FromRow, Serialize, Deserialize, ToSchema)]
 8 pub struct Credential {
 9     pub id: i32,
10     pub email: String,
11     pub password: String,
12 }
13
```

server/src/resources/credentials/router.rs

```
1
2
```

```rust
1 use sea_query::{PostgresQueryBuilder, Query};
2 use sqlx::Postgres;
3
4 use super::models::{Credential, CredentialIden};
5
6 pub async fn insert_credential(
7     email: String,
8     password: String,
9     trx: &mut sqlx::Transaction<'_, sqlx::Postgres>,
10 ) -> Credential {
11
12     let _thing = &mut **trx;
13     let query = Query::insert()
14         .into_table(CredentialIden::Table)
15         .columns(vec![CredentialIden::Email, CredentialIden::Password])
16         .values_panic(vec![email.into(), password.into()])
17         .returning_all()
18         .to_string(PostgresQueryBuilder)
19         .to_owned();
20
21     sqlx::query_as::<Postgres, Credential>(&query)
22         .fetch_one(&mut **trx)
23         .await
24         .unwrap()
25 }
26
```

```
1 pub mod models;
2
3 pub mod sql;
4
5 pub mod router;
6
```

server/src/resources/institutions/models.rs

```rust
 1 use sea_query::enum_def;
 2 use serde::{Deserialize, Serialize};
 3 use sqlx::FromRow;
 4 use utoipa::ToSchema;
 5
 6 #[enum_def]
 7 #[derive(FromRow, Serialize, Deserialize, ToSchema)]
 8 pub struct Institution {
 9     pub id: i32,
10     pub name: String,
11 }
12
```

server/src/resources/institutions/router.rs

```
1
2
```

```rust
1 use sea_query::{Expr, PostgresQueryBuilder, Query};
2 use sqlx::Postgres;
3
4 use super::models::{Institution, InstitutionIden};
5
6 pub async fn select_institution_by_name(
7     name: &str,
8     trx: &mut sqlx::Transaction<'_, sqlx::Postgres>,
9 ) -> Institution {
10     let query = Query::select()
11         .columns(vec![InstitutionIden::Id, InstitutionIden::Name])
12         .from(InstitutionIden::Table)
13         .and_where(Expr::col(InstitutionIden::Name).eq(name))
14         .to_string(PostgresQueryBuilder)
15         .to_owned();
16
17     sqlx::query_as::<Postgres, Institution>(&query)
18         .fetch_one(&mut **trx)
19         .await
20         .unwrap()
21 }
22
```

```rust
1 pub mod models;
2
3 pub mod router;
4
5 pub mod sql;
6
7 pub mod tasks;
8
```

```
 1 use sea_query::enum_def;
 2 use serde_derive::{Deserialize, Serialize};
 3 use sqlx::FromRow;
 4 use utoipa::ToSchema;
 5
 6 #[enum_def]
 7 #[derive(FromRow, Serialize, Deserialize, ToSchema)]
 8 pub struct Item {
 9     pub id: i32,
10     pub access_token: String,
11     pub credential_id: i32,
12     pub institution_id: i32,
13     pub webhook: String,
14 }
15
```

```
 1 use std::collections::HashMap;
 2
 3 use crate::{
 4     resources::{
 5         accounts::sql::insert_account,
 6         credentials::sql::insert_credential,
 7         institutions::sql::select_institution_by_name,
 8         personal_finance_categories::sql::select_all_categories,
 9         transactions::models::{Transaction, TransactionIden},
10     },
11     AppState,
12 };
13 use axum::{extract::State, response::IntoResponse, routing::post, Json,
Router};
14 use csv::ReaderBuilder;
15 use sea_query::{PostgresQueryBuilder, Query};
16 use serde::{Deserialize, Deserializer};
17 use serde_derive::Serialize;
18 use sqlx::{
19     types::chrono::{NaiveDate, NaiveDateTime},
20     Postgres,
21 };
22
23 use super::{
24     models::{Item, ItemIden},
25     sql::insert_item,
26     tasks::fire_webhook,
27 };
28
29 #[derive(Deserialize)]
30 pub struct CreateItem {
31     pub email: String,
32     pub password: String,
33     pub webhook: String,
34 }
35
36 pub async fn categories_name_to_id_map(
37     trx: &mut sqlx::Transaction<'_, sqlx::Postgres>,
38 ) -> HashMap<String, i32> {
39     let mut map: HashMap<String, i32> = HashMap::new();
40
41     let categories = select_all_categories(trx).await;
42
43     for category in categories {
44         map.insert(category.detailed, category.id);
45     }
46
47     map
48 }
49
50 // Custom deserializer for NaiveDate
51 fn deserialize_naive_date<'de, D>(deserializer: D) -> Result<NaiveDate,
D::Error>
52 where
53     D: Deserializer<'de>,
54 {
55     let s = String::deserialize(deserializer)?;
56     NaiveDate::parse_from_str(&s, "%Y-%m-
```

```rust
%d").map_err(serde::de::Error::custom)
 57 }
 58
 59 // Custom deserializer for NaiveDateTime
 60 fn deserialize_naive_datetime<'de, D>(deserializer: D) ->
Result<NaiveDateTime, D::Error>
 61 where
 62     D: Deserializer<'de>,
 63 {
 64     let s = String::deserialize(deserializer)?;
 65     NaiveDateTime::parse_from_str(&s, "%Y-%m-%dT%H:%M:
%SZ").map_err(serde::de::Error::custom)
 66 }
 67
 68 #[derive(Serialize, Deserialize, Debug, Clone)]
 69 struct TransactionRow {
 70     name: String,
 71     merchant_name: String,
 72     payment_channel: String,
 73     amount: String,
 74     #[serde(deserialize_with = "deserialize_naive_date")]
 75     date: NaiveDate,
 76     #[serde(deserialize_with = "deserialize_naive_datetime")]
 77     datetime: NaiveDateTime,
 78     personal_finance_category: String,
 79 }
 80
 81
 82 fn get_transactions_from_csv() -> Vec<TransactionRow> {
 83     let mut path = std::env::current_dir().unwrap();
 84
 85     let mut results: Vec<TransactionRow> = vec![];
 86
 87     path.push("scripts");
 88
 89     let full_path = path.join("checkings_transactions.csv");
 90
 91     let full_path = full_path.to_str().unwrap();
 92
 93     let mut reader = ReaderBuilder::new()
 94         .has_headers(true)
 95         .trim(csv::Trim::All)
 96         .from_path(full_path)
 97         .unwrap();
 98
 99     for record in reader.records() {
100         let record = record.unwrap();
101
102         let row: TransactionRow = record.deserialize(None).unwrap();
103
104         results.push(row)
105     }
106
107     results
108 }
109
110 #[utoipa::path(
111     post,
112     path = "/item",
113     responses(
114         (status = OK),
```

```
115        ),
116        tag = "Items",
117 )]
118 pub async fn post_item(
119        State(app_state): State<AppState>,
120        Json(payload): Json<CreateItem>,
121 ) -> impl IntoResponse {
122        let mut trx = app_state.db.begin().await.unwrap();
123
124        let credential = insert_credential(payload.email, payload.password,
&mut trx).await;
125
126        let institution = select_institution_by_name("Brex", &mut trx).await;
127
128        let item = insert_item(credential, institution.id, payload.webhook,
&mut trx).await;
129
130        let account = insert_account(item.id, &mut trx).await;
131
132        let map = categories_name_to_id_map(&mut trx).await;
133
134        let transactions = get_transactions_from_csv();
135
136        let mut builder = Query::insert()
137            .into_table(TransactionIden::Table)
138            .columns(vec![
139                TransactionIden::AccountId,
140                TransactionIden::Amount,
141                TransactionIden::IsoCurrencyCode,
142                TransactionIden::Date,
143                TransactionIden::Datetime,
144                TransactionIden::Name,
145                TransactionIden::MerchantName,
146                TransactionIden::PaymentChannel,
147                TransactionIden::Pending,
148                TransactionIden::PersonalFinanceCategoryId,
149            ])
150            .to_owned();
151
152        for transaction in transactions {
153            let category_id = map
154                .get(&transaction.personal_finance_category.to_string())
155                .unwrap();
156
157            let category_id_value = (*category_id).into();
158
159            builder.values_panic(vec![
160                account.id.into(),
161                transaction.amount.into(),
162                "USD".into(),
163                transaction.date.into(),
164                transaction.datetime.into(),
165                transaction.name.into(),
166                transaction.merchant_name.into(),
167                transaction.payment_channel.into(),
168                false.into(),
169                category_id_value,
170            ]);
171        }
172
173        let query = builder.to_string(PostgresQueryBuilder);
```

```rust
174
175     sqlx::query_as::<Postgres, Transaction>(&query)
176         .fetch_all(&mut *trx)
177         .await
178         .unwrap();
179
180     trx.commit().await.unwrap();
181
182     app_state
183         .celery_app
184         .send_task(fire_webhook::new(item.id,
item.webhook.clone())).with_countdown(5))
185         .await
186         .unwrap();
187
188     Json(item)
189 }
190
191 #[utoipa::path(
192     post,
193     path = "/webhook",
194     responses(
195         (status = OK),
196     ),
197     tag = "Items",
198 )]
199 pub async fn webhook(State(app_state): State<AppState>) -> impl
IntoResponse {
200     let query = Query::select()
201         .from(ItemIden::Table)
202         .columns(vec![
203             ItemIden::Id,
204             ItemIden::AccessToken,
205             ItemIden::InstitutionId,
206             ItemIden::CredentialId,
207             ItemIden::Webhook,
208         ])
209         .to_string(PostgresQueryBuilder);
210
211     let items = sqlx::query_as::<Postgres, Item>(&query)
212         .fetch_all(&app_state.db)
213         .await
214         .unwrap();
215
216     Json(items)
217 }
218
219 pub fn api() -> Router<AppState> {
220     Router::new()
221         .route("/item", post(post_item))
222         .route("/webhook", post(webhook))
223 }
224
```

```rust
1 use base64::{engine::general_purpose, Engine as _};
2 use sea_query::{PostgresQueryBuilder, Query};
3 use sqlx::Postgres;
4
5 use crate::resources::credentials::models::Credential;
6
7 use super::models::{Item, ItemIden};
8
9 pub async fn insert_item(
10     credentials: Credential,
11     institution_id: i32,
12     webhook: String,
13     trx: &mut sqlx::Transaction<'_, sqlx::Postgres>,
14 ) -> Item {
15     let access_token: String = general_purpose::STANDARD_NO_PAD
16         .encode(format!("{}-{}", credentials.email, credentials.password));
17
18     let query = Query::insert()
19         .into_table(ItemIden::Table)
20         .columns(vec![
21             ItemIden::AccessToken,
22             ItemIden::CredentialId,
23             ItemIden::InstitutionId,
24             ItemIden::Webhook,
25         ])
26         .values_panic(vec![
27             access_token.into(),
28             credentials.id.into(),
29             institution_id.into(),
30             webhook.into(),
31         ])
32         .returning_all()
33         .to_string(PostgresQueryBuilder)
34         .to_owned();
35
36     sqlx::query_as::<Postgres, Item>(&query)
37         .fetch_one(&mut **trx)
38         .await
39         .unwrap()
40 }
41
```

```rust
 1 use celery::prelude::*;
 2 use serde_json::{Map, Value};
 3
 4 #[celery::task]
 5 pub async fn fire_webhook(item_id: i32, url: String) -> TaskResult<()> {
 6     println!("Firing webhook for item_id: {}", &item_id);
 7
 8     let mut payload = Map::new();
 9     payload.insert(
10         "webhook_type".to_string(),
11         Value::String("TRANSACTIONS".to_string()),
12     );
13     payload.insert(
14         "webhook_code".to_string(),
15         Value::String("SYNC_UPDATES_AVAILABLE".to_string()),
16     );
17     payload.insert("item_id".to_string(),
Value::String(item_id.to_string()));
18     payload.insert("initial_update_complete".to_string(),
Value::Bool(true));
19     payload.insert("historical_update_complete".to_string(),
Value::Bool(false));
20     payload.insert(
21         "environment".to_string(),
22         Value::String("production".to_string()),
23     );
24
25     let client = reqwest::Client::new();
26
27     let res = client.post(url).json(&payload).send().await;
28
29     match res {
30         Ok(_) => Ok(()),
31         Err(e) => {
32             println!("Error: {}", e);
33             Ok(())
34         }
35     }
36 }
37
```

```
1 pub mod accounts;
2 pub mod companies;
3 pub mod credentials;
4 pub mod institutions;
5 pub mod items;
6 pub mod personal_finance_categories;
7 pub mod transactions;
8
```

```rust
1 pub mod models;
2
3 pub mod sql;
4
```

```
 1 use sea_query::enum_def;
 2 use serde_derive::{Deserialize, Serialize};
 3 use sqlx::FromRow;
 4
 5 #[enum_def]
 6 #[derive(Deserialize, Serialize, FromRow)]
 7 pub struct PersonalFinanceCategory {
 8     pub id: i32,
 9     pub detailed: String,
10     pub primary_category: String,
11 }
12
```

```
 1 use sea_query::{PostgresQueryBuilder, Query};
 2 use sqlx::Postgres;
 3
 4 use super::models::{PersonalFinanceCategory, PersonalFinanceCategoryIden};
 5
 6 pub async fn select_all_categories(
 7     trx: &mut sqlx::Transaction<'_, sqlx::Postgres>,
 8 ) -> Vec<PersonalFinanceCategory> {
 9     let query = Query::select()
10         .from(PersonalFinanceCategoryIden::Table)
11         .columns(vec![
12             PersonalFinanceCategoryIden::Id,
13             PersonalFinanceCategoryIden::Detailed,
14             PersonalFinanceCategoryIden::PrimaryCategory,
15         ])
16         .to_string(PostgresQueryBuilder);
17
18     sqlx::query_as::<Postgres, PersonalFinanceCategory>(&query)
19         .fetch_all(&mut **trx)
20         .await
21         .unwrap()
22 }
23
```

```
1 pub mod models;
2
3 pub mod router;
4
5 pub mod sql;
6
7 #[cfg(test)]
8 mod tests;
9
```

```rust
 1 use sea_query::enum_def;
 2 use serde::{Deserialize, Serialize};
 3 use sqlx::FromRow;
 4 use utoipa::ToSchema;
 5
 6 #[enum_def]
 7 #[derive(FromRow, Serialize, Deserialize, Debug, ToSchema)]
 8 pub struct Transaction {
 9     pub id: i32,
10     pub account_id: i32,
11     pub amount: f64,
12     pub iso_currency_code: String,
13     pub date: String,
14     pub datetime: String,
15     pub name: String,
16     pub merchant_name: String,
17     pub payment_channel: String,
18     pub pending: bool,
19     pub personal_finance_category_id: i32,
20 }
21
22 #[enum_def]
23 #[derive(Serialize, Deserialize, Debug, ToSchema)]
24 pub struct Webhook {
25     pub webhook_type: String,
26     pub webhook_code: String,
27     pub item_id: String,
28     pub initial_update_complete: bool,
29     pub historical_update_complete: bool,
30     pub environment: String,
31 }
32
33 #[enum_def]
34 #[derive(Serialize, Deserialize, Debug, ToSchema)]
35 pub struct Item {
36     pub id: String,
37     pub access_token: String,
38     pub webhook_url: String,
39 }
40
41 #[derive(Serialize, Deserialize, Debug, ToSchema)]
42 pub struct TransactionSQL {
43     pub id: i32,
44     pub account_id: i32,
45     pub amount: f64,
46     pub category: String,
47     pub date: String,
48     pub datetime: String,
49     pub iso_currency_code: String,
50     pub merchant_name: String,
51     pub name: String,
52     pub payment_channel: String,
53     pub pending: bool,
54 }
55
56 #[enum_def]
57 #[derive(Serialize, Deserialize, Debug, ToSchema)]
58 pub struct PersonalFinanceCategory {
```

```
59      pub id: i32,
60      pub primary: String,
61      pub detailed: String,
62 }
63
```

```
 1 use std::collections::HashMap;
 2
 3 use crate::AppState;
 4 use axum::{
 5     extract::{Path, Query, State},
 6     response::IntoResponse,
 7     routing::get,
 8     Json, Router,
 9 };
10
11 use super::sql::{select_all_from_transaction, select_trx_by_id};
12
13 #[utoipa::path(
14     get,
15     path = "/transactions/auth",
16     responses(
17         (status = OK, body = Auth),
18         (status = NOT_FOUND)
19     ),
20
21 )]
22 pub async fn get_token(
23     Path(id): Path<i32>,
24     State(app_state): State<AppState>,
25 ) -> impl IntoResponse {
26     Json(select_trx_by_id(id, &app_state.db).await)
27 }
28
29 #[utoipa::path(
30     get,
31     path = "/transactions/sandbox/fire_webhook",
32     responses(
33         (status = OK, body = Webhook),
34         (status = NOT_FOUND)
35     ),
36
37 )]
38 pub async fn fire_webhook(
39     Path(id): Path<i32>,
40     State(app_state): State<AppState>,
41 ) -> impl IntoResponse {
42     Json(select_trx_by_id(id, &app_state.db).await)
43 }
44
45 #[utoipa::path(
46     get,
47     path = "/transactions/{id}",
48     responses(
49         (status = OK, body = Transaction),
50         (status = NOT_FOUND)
51     ),
52     params(
53         ("id" = i32, Path, description = "identifier for a single
transaction"),
54     ),
55     tag = "Transactions"
56 )]
57 pub async fn get_transaction_by_id(
```

```rust
58       Path(id): Path<i32>,
59       State(app_state): State<AppState>,
60 ) -> impl IntoResponse {
61       Json(select_trx_by_id(id, &app_state.db).await)
62 }
63
64 #[utoipa::path(
65       get,
66       path = "/transactions",
67       responses(
68           (status = OK, body = [Transaction]),
69           (status = NOT_FOUND)
70       ),
71       params(
72           ("id" = i32, Path, description = "identifier for a single
transaction"),
73       ),
74       tag = "Transactions"
75 )]
76 pub async fn get_all_transactions(
77       Query(params): Query<HashMap<String, i32>>,
78       State(app_state): State<AppState>,
79 ) -> impl IntoResponse {
80       Json(select_all_from_transaction(*params.get("account_id").unwrap(),
&app_state.db).await)
81 }
82
83 pub fn api() -> Router<AppState> {
84       Router::new()
85           .route("/transactions/:id", get(get_transaction_by_id))
86           .route("/transactions", get(get_all_transactions))
87 }
88
```

```rust
 1 use sea_query::{Expr, PostgresQueryBuilder, Query};
 2 use sqlx::{
 3     postgres::PgRow,
 4     types::chrono::{NaiveDate, NaiveDateTime},
 5     Pool, Postgres, Row,
 6 };
 7
 8 use crate::resources::transactions::models::PersonalFinanceCategoryIden;
 9
10 use super::models::{Transaction, TransactionIden, TransactionSQL};
11
12 pub async fn select_trx_by_id(id: i32, db: &Pool<Postgres>) ->
Transaction {
13     let query = Query::select()
14         .from(TransactionIden::Table)
15         .columns(vec![
16             TransactionIden::Id,
17             TransactionIden::AccountId,
18             TransactionIden::Amount,
19             TransactionIden::IsoCurrencyCode,
20             TransactionIden::Date,
21             TransactionIden::Datetime,
22             TransactionIden::Name,
23             TransactionIden::MerchantName,
24             TransactionIden::PaymentChannel,
25             TransactionIden::Pending,
26             TransactionIden::PersonalFinanceCategoryId,
27         ])
28         .and_where(Expr::col(TransactionIden::Id).eq(id))
29         .to_string(PostgresQueryBuilder);
30
31     sqlx::query::<Postgres>(&query)
32         .map(|row: PgRow| Transaction {
33             id: row.try_get("id").unwrap(),
34             account_id: row.try_get("account_id").unwrap(),
35             amount: row.try_get("amount").unwrap(),
36             iso_currency_code: row.try_get("iso_currency_code").unwrap(),
37             date: row
38                 .try_get::<NaiveDate, _>("date")
39                 .unwrap()
40                 .format("%Y-%m-%d")
41                 .to_string(),
42             datetime: row
43                 .try_get::<NaiveDateTime, _>("datetime")
44                 .unwrap()
45                 .to_string(),
46             name: row.try_get("name").unwrap(),
47             merchant_name: row.try_get("merchant_name").unwrap(),
48             payment_channel: row.try_get("payment_channel").unwrap(),
49             pending: row.try_get("pending").unwrap(),
50             personal_finance_category_id:
row.try_get("personal_finance_category_id").unwrap(),
51         })
52         .fetch_one(db)
53         .await
54         .unwrap()
55 }
56
```

```
57 pub async fn select_all_from_transaction(
58     account_id: i32,
59     db: &Pool<Postgres>,
60 ) -> Vec<TransactionSQL> {
61     let query = Query::select()
62         .columns(vec![
63             (TransactionIden::Table, TransactionIden::Id),
64             (TransactionIden::Table, TransactionIden::AccountId),
65             (TransactionIden::Table, TransactionIden::Amount),
66             (TransactionIden::Table, TransactionIden::IsoCurrencyCode),
67             (TransactionIden::Table, TransactionIden::Date),
68             (TransactionIden::Table, TransactionIden::Datetime),
69             (TransactionIden::Table, TransactionIden::Name),
70             (TransactionIden::Table, TransactionIden::MerchantName),
71             (TransactionIden::Table, TransactionIden::PaymentChannel),
72             (TransactionIden::Table, TransactionIden::Pending),
73             (
74                 TransactionIden::Table,
75                 TransactionIden::PersonalFinanceCategoryId,
76             ),
77         ])
78         .column((
79             PersonalFinanceCategoryIden::Table,
80             PersonalFinanceCategoryIden::Detailed,
81         ))
82         .from(TransactionIden::Table)
83         .and_where(Expr::col((TransactionIden::Table,
TransactionIden::AccountId)).eq(account_id))
84         .left_join(
85             PersonalFinanceCategoryIden::Table,
86             Expr::col((
87                 TransactionIden::Table,
88                 TransactionIden::PersonalFinanceCategoryId,
89             ))
90             .equals((
91                 PersonalFinanceCategoryIden::Table,
92                 PersonalFinanceCategoryIden::Id,
93             )),
94         )
95         .to_string(PostgresQueryBuilder);
96
97     sqlx::query::<Postgres>(&query)
98         .map(|row: PgRow| TransactionSQL {
99             id: row.try_get("id").unwrap(),
100            account_id: row.try_get("account_id").unwrap(),
101            amount: row.try_get("amount").unwrap(),
102            iso_currency_code: row.try_get("iso_currency_code").unwrap(),
103            date: row
104                .try_get::<NaiveDate, _>("date")
105                .unwrap()
106                .format("%Y-%m-%d")
107                .to_string(),
108            datetime: row
109                .try_get::<NaiveDateTime, _>("datetime")
110                .unwrap()
111                .to_string(),
112            name: row.try_get("name").unwrap(),
113            merchant_name: row.try_get("merchant_name").unwrap(),
114            payment_channel: row.try_get("payment_channel").unwrap(),
115            pending: row.try_get("pending").unwrap(),
116            category: row.try_get("detailed").unwrap(),
```

```
117            })
118          .fetch_all(db)
119          .await
120          .unwrap()
121 }
122
```

server/src/resources/transactions/tests.rs

1
2

```
 1 use config::{Config, ConfigError, Environment, File};
 2 use serde_derive::Deserialize;
 3 use std::env;
 4
 5 #[derive(Clone, Debug, Deserialize)]
 6 pub struct Settings {
 7     pub host: String,
 8     pub port: u16,
 9     pub db_max_connections: u32,
10     pub database_url: String,
11 }
12
13 impl Settings {
14     pub fn new(directory: &String) -> Result<Self, ConfigError> {
15         let run_mode = env::var("RUN_MODE").unwrap_or_else(|_|
"development".into());
16
17
18         let s = Config::builder()
19
20             .add_source(File::with_name(&format!("{}/default.toml",
directory)))
21
22             .add_source(
23                 File::with_name(&format!("{}/{}.toml", directory,
run_mode)).required(false),
24             )
25
26             .add_source(Environment::default())
27             .build()?;
28
29
30         s.try_deserialize()
31     }
32 }
33
```

server/src/utils/mod.rs

```rust
 1 pub fn get_config_directory() -> String {
 2     let mut path = std::env::current_dir().expect("Failed to get current
directory");
 3
 4
 5     if path.ends_with("server") {
 6         path.pop();
 7     }
 8
 9     path.push("config");
10
11     path.to_str()
12         .expect("Failed to convert path to string")
13         .to_string()
14 }
15
```

```
 1 name,merchant_name,payment_channel,amount,date
 2 Initial Deposit,Direct,online,10000.0,2023-11-01
 3 Paystub,Oxide Computers,online,5567.0,2023-11-01
 4 Bank Transfer,Plaid Gold Saving,online,-1670.0,2023-11-01
 5 Sundown Bar,Sundown Bar,in_person,-35.64,2023-11-06
 6 Manual Photo,Manual Photo,online,-37.8,2023-11-06
 7 Trader Joes,Trader Joes,in_person,-98.99,2023-11-06
 8 Trader Joes,Trader Joes,in_person,-162.9,2023-11-07
 9 Sundown Bar,Sundown Bar,in_person,-113.12,2023-11-07
10 Manual Photo,Manual Photo,online,-24.93,2023-11-09
11 Bank Transfer,Plaid Gold Saving,online,-1670.0,2023-11-15
12 Paystub,Oxide Computers,online,5567.0,2023-11-15
13 GrandChamps Kitchen,GrandChamps Kitchen,in_person,-79.69,2023-11-17
14 Camellia Black Tea,Camellia Black Tea,online,-11.18,2023-11-17
15 Manual Photo,Manual Photo,online,-21.68,2023-11-18
16 Door Dash,Door Dash,online,-48.58,2023-11-19
17 Camellia Black Tea,Camellia Black Tea,in_person,-7.62,2023-11-19
18 Amazon,Amazon,online,-99.28,2023-11-21
19 Door Dash,Door Dash,online,-29.66,2023-11-23
20 Trader Joes,Trader Joes,in_person,-102.24,2023-11-23
21 Sundown Bar,Sundown Bar,in_person,-39.68,2023-11-24
22 Paystub,Oxide Computers,online,5567.0,2023-12-01
23 Bank Transfer,Plaid Gold Saving,online,-1670.0,2023-12-01
24 Manual Photo,Manual Photo,online,-26.45,2023-12-04
25 Sundown Bar,Sundown Bar,in_person,-37.74,2023-12-06
26 GrandChamps Kitchen,GrandChamps Kitchen,in_person,-125.66,2023-12-07
27 Trader Joes,Trader Joes,in_person,-102.52,2023-12-08
28 Door Dash,Door Dash,online,-16.93,2023-12-09
29 Trader Joes,Trader Joes,in_person,-177.25,2023-12-10
30 Trader Joes,Trader Joes,in_person,-169.75,2023-12-13
31 Camellia Black Tea,Camellia Black Tea,in_person,-6.83,2023-12-13
32 Lyft,Lyft,online,-28.96,2023-12-14
33 Paystub,Oxide Computers,online,5567.0,2023-12-15
34 Bank Transfer,Plaid Gold Saving,online,-1670.0,2023-12-15
35 GrandChamps Kitchen,GrandChamps Kitchen,in_person,-54.35,2023-12-16
36 Manual Photo,Manual Photo,online,-28.44,2023-12-18
37 GrandChamps Kitchen,GrandChamps Kitchen,in_person,-130.45,2023-12-19
38 Sundown Bar,Sundown Bar,in_person,-56.39,2023-12-20
39 Amazon,Amazon,online,-54.5,2023-12-20
40 Trader Joes,Trader Joes,in_person,-92.26,2023-12-21
41 Door Dash,Door Dash,online,-17.54,2023-12-23
42
```